



STIC Search Report

EIC 3600

STIC Database Tracking Number: 220012

TO: Andrew Rudy
Location: Knox 5B09
Art Unit : 3627
Tuesday, April 03, 2007

Case Serial Number: 09/045386

From: Janice Burns
Location: EIC 3600
Knox 4B68
Phone: 2-3518

Janice.Burns@uspto.gov

Search Notes

Dear Examiner

Please review the following results.

I think Walker has this one covered, especially with that date.

By the way inventor Alderrucci is spelled wrong in PALM there is only one R in his name.

If you have an questions or need a refocused please feel to contact me.

Janice Burns, MLS
US Patent & Trademark Office
Scientific & Technical Information Center
Electronic Information Center 3600
571-272-3518
571-273-0046 (fax)
Janice.Burns@uspto.gov





10f 2

220012

3/27/07

RUSH

STIC EIC 3600
Search Request Form

Today's Date: March 26, 2007 Class/Subclass 7051 What date would you like to use to limit the search?
Priority Date: 3/20/98 Other: _____

Name Andrew S. Rudy
AU 3627 Examiner # 79151
Room # 5B09 Phone 2-6789
Serial # 091045,386

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB
IEEE INSPEC SPI Other _____

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

see attached claims.

Thank you!

Andrew

STIC Searcher _____ Phone _____
Date picked up _____ Date Completed _____



Rudy, Andrew

From: Burns, Janice

Sent: Monday, April 02, 2007 11:05 AM

To: Rudy, Andrew

Subject: 09045386 Method and Apparatus for Controlling the Performance of a Supplementary Process at a Point-Of-Sale Terminal

Hi Andrew

I've just picked up your request for serial number 09045386 *Method and Apparatus for Controlling the Performance of a Supplementary Process at a Point-Of-Sale Terminal* and I have some questions.

What is a supplementary product offers, that's a coupon right?

not necessarily, it's
an alternative
product.

What is the novelty of this invention (or what do they think is novel, anyway)?

You may call, e-mail. Thanks.

Janice Burns, MLS
US Patent & Trademark Office
Scientific & Technical Information Center
Electronic Information Center 3600
Phone: 703-308-7793
Email: Janice.Burns@uspto.gov

activity rate of pos
station determines whether
are supplemental process
is performed

"up-sells"

quicker offers presented
when activity rate busy

time consuming or slower "

"slow"

**PALM INTRANET**Day : Monday
Date: 4/2/2007
Time: 10:32:26**Application Number Information**

Application Number: **09/045386** Assignments Examiner Number: **79151 / RUDY, ANDREW**
Filing or 371(c) Date: **03/20/1998** eDan Group Art Unit: **3627** IFW Madras
Effective Date: **03/20/1998** Class/Subclass: **705/016.000**
Application Received: **03/20/1998** Lost Case: **NO**
Patent Number: Interference Number: Waiting for Response Desc.
Issue Date: **00/00/0000** Unmatched Petition: **NO** Prior Art Filed
Date of Abandonment: **00/00/0000** L&R Code: Secrecy Code:1
Attorney Docket Number: **WD2-97-557** Third Level Review: **NO** Secrecy Order: **NO**
Status: **89 /ALLOWANCE COUNTED** Status Date: **05/30/2006**
Confirmation Number: **9821** Oral Hearing: **NO**
Title of Invention: **METHOD AND APPARATUS FOR CONTROLLING THE PERFORMANCE OF A SUPPLEMENTARY PROCESS AT A POINT-OF-SALE TERMINAL**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
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Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign Data	Invent
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Search Another: Application# or Patent#
PCT / / or PG PUBS #
Attorney Docket #
Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Set	Items	Description
S1	2876	AU=(WALKER, J? OR WALKER J? OR JAY(2N)WALKER)
S2	197	AU=(VAN LUCHENE, A? OR VAN LUCHENE A? OR ANDREW(2N)VAN LUC- HENE)
S3	0	AU=(ALDERRUCCI, D? OR ALDERRUCCI D? OR DEAN(2N)ALDERRUCCI)
S4	165	S1 AND S2
S5	125	S4 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S6	53	S5 AND (POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SER- VICE? ? OR PURCHASE? OR TRANSACT?))
S7	53	IDPAT (sorted in duplicate/non-duplicate order)
S8	47	IDPAT (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD=200721
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File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)
(c) 2007 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2007/ 200708
(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
(c) 2007 WIPO/Thomson

8/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013562792 - Drawing available

WPI ACC NO: 2003-656976/200362

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;
1999-429754; 1999-508393; 2000-053611; 2000-053613; 2000-087500;
2000-087503; 2000-106161; 2000-270258; 2000-328274; 2000-423518;
2000-431389; 2000-431408; 2000-578956; 2000-610539; 2000-671821;
2000-679014; 2001-060626; 2001-146867; 2001-146878; 2001-157972;
2001-159089; 2001-159300; 2001-181019; 2001-265605; 2001-342730;
2001-342996; 2001-388796; 2001-464538; 2001-624069; 2002-049370;
2002-096655; 2002-215721; 2002-237036; 2002-254256; 2002-402061;
2002-434665; 2002-582966; 2002-607014; 2002-698146; 2003-057024;
2003-075336; 2003-199382; 2003-265264; 2003-392435; 2003-419813;
2003-556901; 2003-644216; 2004-118327; 2004-166858; 2004-202576;
2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
2007-108649; 2000-329000; 2007-204640

XRPX Acc No: N2003-523395

Sales processing program code storage medium for use in fast food restaurants, stores program code for identifying package including complementary products having acceptable sales performance and for determining package price for products

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: TEDESCO D E; VAN LUCHENE A S ; WALKER J S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6601036	B1	20030729	US 1997822709	A	19970321	200362 B
			US 1997920116	A	19970826	
			US 1997947798	A	19971009	
			US 199812163	A	19980122	
			US 199885424	A	19980527	
			US 2000571210	A	20000516	

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 1997920116 A 19970826; US 1997947798 A 19971009; US 199812163 A 19980122; US 199885424 A 19980527; US 2000571210 A 20000516

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6601036	B1	EN	24	9	C-I-P of application US 1997822709
					C-I-P of application US 1997920116
					C-I-P of application US 1997947798
					C-I-P of application US 199812163
					Continuation of application US

199885424

Alerting Abstract US B1

NOVELTY - The storage medium stores program code for identifying the product identifier of complementary products. Acceptable sales performance for the complementary products is verified. A package including the complementary products having acceptable sales performance identified and

is associated with a demand rate that is greater than preset demand rate. A package price for identified products is determined and outputted.

DESCRIPTION - An INDEPENDENT CLAIM is also included for product offering method.

USE - For storing sale processing program code in package offering system used in fast food restaurants.

ADVANTAGE - Enables a retailer to offer groups of goods at discount price in accordance with dynamic measurements of supply and demand. The popularity of the product is utilized effectively by combining low demand products with high demand products. Enables the retailer to discount products without exposing its price.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the package offering system.

102 server

104 network

106,108,110 **point of sales (POS)** terminals

Title Terms/Index Terms/Additional Words: SALE; PROCESS; PROGRAM; CODE; STORAGE; MEDIUM; FAST; FOOD; RESTAURANT; IDENTIFY; PACKAGE; COMPLEMENTARY ; PRODUCT; ACCEPT; PERFORMANCE; DETERMINE; PRICE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

G07C-0015/00 A I R 20060101

G07F-0017/32 A I R 20060101

G07F-0005/24 A I R 20060101

G07F-0009/02 A I R 20060101

G07G-0001/00 A I R 20060101

G07G-0001/12 A I R 20060101

G07G-0005/00 A I R 20060101

G06Q-0010/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

G07C-0015/00 C I R 20060101

G07F-0017/32 C I R 20060101

G07F-0005/00 C I R 20060101

G07F-0009/02 C I R 20060101

G07G-0001/00 C I R 20060101

G07G-0001/12 C I R 20060101

G07G-0005/00 C I R 20060101

US Classification, Issued: 705010000, 705014000, 705016000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A1; T01-S03; T05-L01D

8/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010801449 - Drawing available

WPI ACC NO: 2001-417426/200144

XRPX Acc No: N2001-309322

Information communication method in point of sales network, involves determining if performance data relating to offer made at POS terminal

meets preset criterion

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: ALDERUCCI D; BEMER K; HEIER J E; MUELLER R J; RATH A; TEDESCO D E
; TULLEY S C; **VAN LUCHENE A S** ; **WALKER J S****Patent Family** (3 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001015033	A2	20010301	WO 2000US19426	A	20000717	200144 B
AU 200061051	A	20010319	AU 200061051	A	20000717	200144 E
EP 1208506	A2	20020529	EP 2000947442	A	20000717	200243 E
			WO 2000US19426	A	20000717	

Priority Applications (no., kind, date): US 1999150630 P 19990825; US
2000538751 A 20000330**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001015033	A2	EN	79	13	
National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200061051	A	EN			Based on OPI patent WO 2001015033
EP 1208506	A2	EN			PCT Application WO 2000US19426 Based on OPI patent WO 2001015033
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					

Alerting Abstract WO A2

NOVELTY - It is determined if performance data identified to be relating to an offer made at a **POS** terminal (22), meets a predetermined criterion. Based on the determination, an additional **POS** terminal in the network is automatically selected. An indication of an offer, which is based on the offer made at the **POS** terminal (22), automatically made available to the selected additional **POS** terminal.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- 1.POS terminal network;
- 2.Digital memory ;
- 3.Offer propagating method in POS terminal network

USE - For information communication in network of point of sales terminals e.g. cash registers for large **scale** retail **organization** in business application, for application in network of intelligent vending machine, gaming devices e.g. video slot terminals such as credit card validation terminals.

ADVANTAGE - Permits successful offer programs to propagate throughout a network of POS terminals. Enables performing decision making process for propagation of **offers** in a de-centralized manner.

DESCRIPTION OF DRAWINGS - The figure shows block diagram of POS network.
22 POS terminal

Title Terms/Index Terms/Additional Words: INFORMATION; COMMUNICATE; METHOD;
POINT; SALE; NETWORK; DETERMINE; PERFORMANCE; DATA; RELATED; OFFER; MADE;
POS ; TERMINAL; PRESET; CRITERIA

Class Codes

International Classification (Main): **G06F-017/60**
 File Segment: EPI;
 DWPI Class: T01; T05
 Manual Codes (EPI/S-X): T01-J05A1; T05-L01A; T05-L01D

8/5/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009275932 - Drawing available

WPI ACC NO: 1999-204854/199917

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;
 1999-190705; 1999-204853; 1999-204855; 1999-312503; 1999-429754;
 1999-508393; 2000-053611; 2000-053613; 2000-087500; 2000-087503;
 2000-106161; 2000-270258; 2000-328274; 2000-423518; 2000-431389;
 2000-431408; 2000-578956; 2000-610539; 2000-671821; 2000-679014;
 2001-060626; 2001-146867; 2001-146878; 2001-157972; 2001-159089;
 2001-159300; 2001-181019; 2001-265605; 2001-342730; 2001-342996;
 2001-388796; 2001-464538; 2001-624069; 2002-049370; 2002-096655;
 2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;
 2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;
 2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;
 2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;
 2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
 2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
 2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
 2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
 2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
 2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
 2007-108649; 2000-329000; 2007-204640

XRPX Acc No: N1999-150919

Upsell determination method of purchase at point -of- sale terminal

Patent Assignee: ALDERUCCI D (ALDE-I); ALKER DIGITAL LLC (WALK-N); VAN
 LUCHENE A S (VLUC-I); WALKER ASSET MANAGEMENT LP (WALK-N); WALKER
 DIGITAL LLC (WALK-N); WALKER J S (WALK-I)

Inventor: ALDERUCCI D; **VAN LUCHENE A S ; WALKER J S**

Patent Family (12 patents, 81 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 1999011007	A2	19990304	WO 1998US16985	A	19980817	199917 B
AU 199891057	A	19990316	AU 199891057	A	19980817	199930 E
EP 1010284	A2	20000621	EP 1998943218	A	19980817	200033 E
			WO 1998US16985	A	19980817	
BR 199811997	A	20000905	BR 199811997	A	19980817	200048 E
			WO 1998US16985	A	19980817	
CN 1272928	A	20001108	CN 1998808506	A	19980817	200114 E
US 6298329	B1	20011002	US 1997822709	A	19970321	200160 E
			US 1997920116	A	19970826	
			US 199876409	A	19980512	
KR 2001023308	A	20010326	KR 2000701943	A	20000225	200161 E
AU 745406	B	20020321	AU 199891057	A	19980817	200233 E
JP 2002519776	W	20020702	WO 1998US16985	A	19980817	200246 E
			JP 2000556575	A	19980817	
MX 20000001851	A1	20020501	WO 1998US16985	A	19980817	200368 E
			MX 20001851	A	20000222	
US 6876978	B1	20050405	US 1997822709	A	19970321	200523 E
			US 1997920116	A	19970826	
			US 199876409	A	19980512	
			US 2000643668	A	20000818	

US 20050171848 A1 20050804 US 1997822709 A 19970321 200552 E
 US 1997920116 A 19970826
 US 199876409 A 19980512
 US 2000643668 A 20000818
 US 200599287 A 20050405

Priority Applications (no., kind, date): US 1997822709 A 19970321; US
 1997920116 A 19970826; US 199876409 A 19980512; US 2000643668 A
 20000818; US 200599287 A 20050405

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999011007	A2	EN	57	20	
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199891057	A	EN			Based on OPI patent WO 1999011007
EP 1010284	A2	EN			PCT Application WO 1998US16985 Based on OPI patent WO 1999011007
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199811997	A	PT			PCT Application WO 1998US16985 Based on OPI patent WO 1999011007
US 6298329	B1	EN			C-I-P of application US 1997822709 C-I-P of application US 1997920116
AU 745406	B	EN			Previously issued patent AU 9891057
JP 2002519776	W	JA	59		Based on OPI patent WO 1999011007 PCT Application WO 1998US16985
MX 20000001851	A1	ES			Based on OPI patent WO 1999011007 PCT Application WO 1998US16985
US 6876978	B1	EN			Based on OPI patent WO 1999011007 C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199876409
US 20050171848	A1	EN			C-I-P of patent US 6119099 C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199876409
2000643668					Continuation of application US C-I-P of patent US 6119099 C-I-P of patent US 6267670 Continuation of patent US 6298329 Continuation of patent US 6876978

Alerting Abstract WO A2

NOVELTY - A POS terminal generates a purchase price of a purchase, and generates a rounded price, e.g. the lowest whole number greater than the purchase price. The terminal calculates a roundup amount as the difference between the purchase and rounded price. The terminal prints on the coupon (410) an identifier, such as a bar code based on the coupon value (414).

DESCRIPTION - INDEPENDENT CLAIMS are included for a method for generating a coupon, and apparatus for determining an upsell of a purchase at a point-of-sale terminal, and an apparatus for generating a coupon, and a computer-readable medium encoded with a program for implementing method for

determining upsell.

USE - For determining upsell of purchase at **point** -of- **sale** terminal.

ADVANTAGE - Allows business to more effectively promote its various objectives.

DESCRIPTION OF DRAWINGS - The figure shows a schematic illustration of a coupon.

410 coupon,

414 coupon value.

Title Terms/Index Terms/Additional Words: DETERMINE; METHOD; PURCHASE;
POINT; SALE; TERMINAL

Class Codes

International Classification (Main): G06F-019/00, G07G-001/12

(Additional/Secondary): **G06F-017/60**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

G07C-0015/00 A I R 20060101

G07F-0017/32 A I R 20060101

G07F-0005/24 A I R 20060101

G07F-0009/02 A I R 20060101

G07G-0001/00 A I R 20060101

G07G-0001/12 A I R 20060101

G07G-0005/00 A I R 20060101

G06Q-0010/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

G07C-0015/00 C I R 20060101

G07F-0017/32 C I R 20060101

G07F-0005/00 C I R 20060101

G07F-0009/02 C I R 20060101

G07G-0001/00 C I R 20060101

G07G-0001/12 C I R 20060101

G07G-0005/00 C I R 20060101

US Classification, Issued: 705014000, 705014000, 705026000, 705026000,
705014000

8/26/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016281423 - Drawing available

WPI ACC NO: 2006-813045/200682

Installment plan options providing method for purchases during sale, involves generating installment plan relating interest rate and number of payment periods, based on received purchase price and account number

8/26/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016264693 - Drawing available

WPI ACC NO: 2006-796317/200681

Installment plan options provision method involves generating installment plan identifier based on received purchase price and financial account

8/26/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016247531 - Drawing available

WPI ACC NO: 2006-779177/200679

Installment plan option provision method involves generating installment plan identifier defining installment plan for payment of purchase price based on purchase price and financial account identifier

8/26/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015499462 - Drawing available

WPI ACC NO: 2006-063600/200607

Installment plan option provision method for purchase of item in store, involves transmitting purchase price and credit card number to generate installment plan, and generating selection signal on acceptance of plan

8/26/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013938121 - Drawing available

WPI ACC NO: 2004-118327/200412

Customer's billing statement generation method involves determining whether received data related to billing item satisfies upsell offer condition and generating billing statement accordingly

8/26/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013615520 - Drawing available

WPI ACC NO: 2003-710854/200367

Remotely purchased goods payments processing method, involves determining remote goods price, generating data to indicate payment receipt of goods and transmitting for use by data indicating payment receipt of goods

8/26/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013562792 - Drawing available

WPI ACC NO: 2003-656976/200362

Sales processing program code storage medium for use in fast food restaurants, stores program code for identifying package including complementary products having acceptable sales performance and for determining package price for products

8/26/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012730631 - Drawing available

WPI ACC NO: 2002-582966/200262

Installment plan options providing method for purchasers at time of sale, involves generating installment plan for payment based on purchase price and financial account identifier

8/26/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012505361 - Drawing available

WPI ACC NO: 2002-453255/200248

Payment processing method involves transmitting corresponding data to remote seller if payment has been received by third party for remote order,

8/26/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012295923 - Drawing available

WPI ACC NO: 2002-237036/200229

Installment plan option providing method for credit card transaction, involves receiving installment plan identifier based on transmitted financial account identifier and purchase price

8/26/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012275053 - Drawing available

WPI ACC NO: 2002-215721/200227

Machine readable medium for point -of- sale terminal e.g. quick service restaurant, stores pricing database defining representations and price ranges for each food product

8/26/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0011159265 - Drawing available

WPI ACC NO: 2002-096655/200213

Installment plan options providing apparatus for credit card users, has central controller which generates installment plan identifier, based on received price and financial account identifier

8/26/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010998946 - Drawing available

WPI ACC NO: 2001-624069/200172

Billing statement generating method for point of sales system involves recognizing validity of sales offer for each billing items based on which offer date is recorded

8/26/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010801449 - Drawing available

WPI ACC NO: 2001-417426/200144

Information communication method in point of sales network, involves determining if performance data relating to offer made at POS terminal meets preset criterion

8/26/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010657537 - Drawing available

WPI ACC NO: 2001-265605/200127

Purchasing system operating method for television, involves authorizing buyer to take possession of product by transmitting verification information to retailer

8/26/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010544157 - Drawing available

WPI ACC NO: 2001-147226/200115

Purchase total calculation for calculating discounted prices for products sold at retail, involves determining if calculated initial purchase total is equal to preset threshold, to calculate reduced purchase total

8/26/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010296957 - Drawing available

WPI ACC NO: 2000-610539/200058

Purchase installment plan options providing method at POS terminal, involves transmitting identifier defining installment plan for payment of purchase price generated based on received purchase price and financial account identifier

8/26/18. (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010024457 - Drawing available

WPI ACC NO: 2000-329000/200028

Discount offering method for merchants during business transactions, involves applying retroactive discount to credit card account, when consumer consummates transaction at specific merchant

8/26/19 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0010023782 - Drawing available

WPI ACC NO: 2000-328274/200028

Computer based aging food product selling in quick service restaurant, involves selling complementary product in place of food product in response to acceptance of substitution of complementary product

8/26/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009906919 - Drawing available

WPI ACC NO: 2000-206096/200018

Monitoring method of utterance of verbal message during transaction at point -of- sale terminal, involves determining whether audio signal represents preset phrase including one word for at least predetermined time

8/26/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009825628 - Drawing available

WPI ACC NO: 2000-116815/200010

Purchase processing method for retail establishments e.g. grocery stores

8/26/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009766475 - Drawing available

WPI ACC NO: 2000-053611/200004

Aging food product selling method employed in quick service restaurant

8/26/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009657952 - Drawing available

WPI ACC NO: 1999-610877/199952

Customer's visit based progressive discount determination method used in retail establishment such as supermarket

8/26/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009377944 - Drawing available

WPI ACC NO: 1999-312524/199926

Group reward program managing method e.g. for computer applications, point of sale system

8/26/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009275932 - Drawing available

WPI ACC NO: 1999-204854/199917

Upsell determination method of purchase at point -of- sale terminal

8/26/26 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009262386 - Drawing available

WPI ACC NO: 1999-190705/199916

Aging food product selling method

8/26/27 (Item 27 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009196635 - Drawing available

WPI ACC NO: 1999-121169/199910

The sale and distribution of merchandise, at a manufacture-controlled price, over a network such as the Internet a web site provides a prospective customer - with merchandise information that includes a manufacturer- controlled price and the address of the nearest stockist, so that the customer can pay by credit card and take delivery of the merchandise

8/26/28 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0008978262 - Drawing available

WPI ACC NO: 1998-532192/199845

Supplementary product sales processing system for point of sale terminal - has POS terminal that is connected to controller, for performing merchandise transactions and lottery transactions in accordance with received lottery information

8/26/29 (Item 29 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00851710

METHOD AND APPARATUS FOR MANAGING THE SALE OF AGING PRODUCTS

Publication Language: English

Fulltext Word Count: 10813

Publication Year: 2001

8/26/30 (Item 30 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00777954 **Image available**

**SUPPLEMENTAL OFFERS WHEREIN A BUYER TAKES POSSESSION AT A RETAILER OF A
PRIMARY PRODUCT PURCHASED THROUGH A PURCHASING SYSTEM**

Publication Language: English

Fulltext Word Count: 18827

Publication Year: 2001

8/26/31 (Item 31 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00771340 **Image available**

MULTI-TIER PRICING OF INDIVIDUAL PRODUCTS BASED ON VOLUME DISCOUNTS

Publication Language: English

Fulltext Word Count: 22407

Publication Year: 2001

8/26/32 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00766118 **Image available**

**REDEMPTION SYSTEMS AND METHODS WHEREIN A BUYER TAKES POSSESSION AT A
RETAILER OF A PRODUCT PURCHASED USING A COMMUNICATION NETWORK**

Publication Language: English

Fulltext Word Count: 25866

Publication Year: 2000

8/26/33 (Item 33 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00766082 **Image available**

**SETTLEMENT SYSTEMS AND METHODS WHEREIN A BUYER TAKES POSSESSION AT A
RETAILER OF A PRODUCT PURCHASED USING A COMMUNICATION NETWORK**

Publication Language: English

Fulltext Word Count: 33044

Publication Year: 2000

8/26/34 (Item 34 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00766080 **Image available**

**METHOD AND APPARATUS FOR CONDUCTING A TRANSACTION BASED ON BRAND
INDIFFERENCE**

Publication Language: English

Fulltext Word Count: 28183

Publication Year: 2000

8/26/35 (Item 35 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00766038 **Image available**

**PURCHASING SYSTEMS AND METHODS WHEREIN A BUYER TAKES POSSESSION AT A
RETAILER OF A PRODUCT PURCHASED USING A COMMUNICATION NETWORK**

Publication Language: English

Fulltext Word Count: 30214

Publication Year: 2000

8/26/36 (Item 36 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00761437 **Image available**

METHOD AND APPARATUS FOR PROCESSING CREDIT CARD TRANSACTIONS

Publication Language: English

Fulltext Word Count: 12956

Publication Year: 2000

8/26/37 (Item 37 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00577736 **Image available**

SYSTEM AND METHOD FOR NEGATIVE RETROACTIVE DISCOUNTS

Publication Language: English

Fulltext Word Count: 16522

Publication Year: 2000

8/26/38 (Item 38 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00576350 **Image available**

**METHOD AND APPARATUS FOR DETERMINING A SUBSCRIPTION TO A PRODUCT IN A
RETAIL ENVIRONMENT**

Publication Language: English

Fulltext Word Count: 14615

Publication Year: 2000

8/26/39 (Item 39 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00576349 **Image available**

METHOD AND APPARATUS FOR REMOTE ORDER AND PICKUP

Publication Language: English

Fulltext Word Count: 10546

Publication Year: 2000

8/26/40 (Item 40 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00557632 **Image available**

METHOD AND APPARATUS FOR DEFINING ROUTING OF CUSTOMERS BETWEEN MERCHANTS

Publication Language: English

Fulltext Word Count: 12800

Publication Year: 2000

8/26/41 (Item 41 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00557631 **Image available**

METHOD AND APPARATUS FOR PROVIDING A DISCOUNT TO A CUSTOMER THAT PARTICIPATES IN TRANSACTIONS AT A PLURALITY OF MERCHANTS

Publication Language: English

Fulltext Word Count: 10316

Publication Year: 2000

8/26/42 (Item 42 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00535085 **Image available**

SYSTEM AND METHOD FOR APPLYING AND TRACKING A CONDITIONAL VALUE COUPON FOR A RETAIL ESTABLISHMENT

Publication Language: English

Fulltext Word Count: 9339

Publication Year: 1999

8/26/43 (Item 43 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00530664 **Image available**

SYSTEM AND METHOD PROVIDING A RESTAURANT MENU DYNAMICALLY GENERATED BASED ON REVENUE MANAGEMENT INFORMATION

Publication Language: English

Fulltext Word Count: 8146

Publication Year: 1999

8/26/44 (Item 44 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00530662 **Image available**

**METHOD AND APPARATUS FOR SELLING AN AGING FOOD PRODUCT AS A SUBSTITUTE FOR
AN ORDERED PRODUCT**

Publication Language: English

Fulltext Word Count: 9374

Publication Year: 1999

8/26/45 (Item 45 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00488661 **Image available**

POINT -OF- SALE SYSTEM AND METHOD FOR THE MANAGEMENT OF GROUP REWARDS

Publication Language: English

Fulltext Word Count: 10033

Publication Year: 1999

8/26/46 (Item 46 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00479655 **Image available**

METHOD AND APPARATUS FOR GENERATING A COUPON

Publication Language: English

Fulltext Word Count: 11160

Publication Year: 1999

8/26/47 (Item 47 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00479442 **Image available**

METHOD AND APPARATUS FOR SELLING AN AGING FOOD PRODUCT

Publication Language: English

Fulltext Word Count: 12087

Publication Year: 1999

Set	Items	Description
S1	2876	AU=(WALKER, J? OR WALKER J? OR JAY(2N)WALKER)
S2	197	AU=(VAN LUCHENE, A? OR VAN LUCHENE A? OR ANDREW(2N)VAN LUC- HENE)
S3	0	AU=(ALDERRUCCI, D? OR ALDERRUCCI D? OR DEAN(2N)ALDERRUCCI)
S4	165	S1 AND S2
S5	125	S4 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S6	53	S5 AND (POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SER- VICE? ? OR PURCHASE? OR TRANSACT?))
S7	53	IDPAT (sorted in duplicate/non-duplicate order)
S8	47	IDPAT (primary/non-duplicate records only)
S9	91	AU=(ALDERUCCI, D? OR ALDERUCCI D? OR DEAN(2N)ALDERUCCI)
S10	27	S1 AND S2 AND S9
S11	17	S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)

File 350:Derwent WPIX 1963-2006/UD=200721

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File 347:JAPIO Dec 1976-2006/Nov(Updated. 070228)

(c) 2007 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2007/ 200708

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322

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11/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014983789 - Drawing available

WPI ACC NO: 2005-331638/200534

Related WPI Acc No: 2003-046195; 2004-765027; 2005-030000

XRPX Acc No: N2005-271342

Online pricing method of products, involves charging buyer price specified in agreement established between consumer and retailer or penalty amount from consumer, based on determination of whether consumer has purchased agreement product

Patent Assignee: ALDERUCCI D P (ALDE-I); BREITENBACH M D (BREI-I);
FINCHAM M M (FINC-I); JORASCH J A (JORA-I); SUAREZ J A (SUAR-I);
TEDESCO R C (TEDE-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)
Inventor: **ALDERUCCI D P** ; BREITENBACH M D; FINCHAM M M; JORASCH J A;
SUAREZ J A; TEDESCO R C; **VAN LUCHENE A S** ; **WALKER J S**

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20050086111	A1	20050421	US 2001276199	P	20010315	200534 B
			US 2002100564	A	20020315	
			US 2003512869	P	20031021	
			US 2003523758	P	20031120	
			US 2004968340	A	20041018	

Priority Applications (no., kind, date): US 2003523758 P 20031120; US 2003512869 P 20031021; US 2002100564 A 20020315; US 2001276199 P 20010315; US 2004968340 A 20041018

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050086111	A1	EN	19	7	Related to Provisional US 2001276199 C-I-P of application US 2002100564 Related to Provisional US 2003512869 Related to Provisional US 2003523758 C-I-P of patent US 6805290

Alerting Abstract US A1

NOVELTY - An on-line agreement for purchasing a product at a buyer price less than retail price of the product during future transaction, is established between the consumer and retailer. A buyer price and a penalty amount are charged from the consumer, based on the determination of whether the consumer has purchased the product specified in the agreement or not.

USE - For establishing online buyer price for set of products.

ADVANTAGE - Minimizes the difference between the online priced products and products actually acquired.

DESCRIPTION OF DRAWINGS - The figure shows the table illustrating the data structure of a product database.

Title Terms/Index Terms/Additional Words: PRICE; METHOD; PRODUCT; CHARGE; BUY; SPECIFIED; AGREE; ESTABLISH; CONSUME; RETAIL; PENALTY; AMOUNT; BASED ; DETERMINE; PURCHASE

Class Codes

International Classification (Main): **G06F-017/60**

(Additional/Secondary): G06F-017/00, G06G-007/00

US Classification, Issued: 705014000, 705400000, 705039000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-N01A; T01-N01A2A; T05-L02

11/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013938121 - Drawing available

WPI ACC NO: 2004-118327/200412

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;
 1999-429754; 1999-508393; 2000-053611; 2000-053613; 2000-087500;
 2000-087503; 2000-106161; 2000-270258; 2000-328274; 2000-423518;
 2000-431389; 2000-431408; 2000-578956; 2000-610539; 2000-671821;
 2000-679014; 2001-060626; 2001-146867; 2001-146878; 2001-157972;
 2001-159089; 2001-159300; 2001-181019; 2001-265605; 2001-342730;
 2001-342996; 2001-388796; 2001-464538; 2001-624069; 2002-049370;
 2002-096655; 2002-215721; 2002-237036; 2002-254256; 2002-402061;
 2002-434665; 2002-582966; 2002-607014; 2002-698146; 2003-057024;
 2003-075336; 2003-199382; 2003-265264; 2003-392435; 2003-419813;
 2003-556901; 2003-644216; 2003-656976; 2004-166858; 2004-202576;
 2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
 2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
 2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
 2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
 2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
 2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
 2007-108649

XRPX Acc No: N2004-094515

Customer's billing statement generation method involves determining whether received data related to billing item satisfies upsell offer condition and generating billing statement accordingly

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: **ALDERUCCI D** ; **TEDESCO D E**; **VAN LUCHENE A S** ; **WALKER J S****Patent Family** (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 6672507	B1	20040106	US 1997982149	A	19971201	200412 B
			US 2000711996	A	20001114	

Priority Applications (no., kind, date): US 1997982149 A 19971201; US 2000711996 A 20001114

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6672507	B1	EN	15	7	Continuation of application US 1997982149

Continuation of patent US 6196458

Alerting Abstract US B1

NOVELTY - Data related to a billing item is received, and determined whether the billing item satisfies an upsell offer condition. A billing statement including upsell offer information is generated, if the upsell offer condition is satisfied.

USE - For generating billing statement for customer's performing transaction using credit card.

ADVANTAGE - Enables the merchant to manage its inventory in an efficient manner while also generating additional profits.

DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the central controller of an apparatus for providing an upsell offer to an entity using

the billing statement.

14,16,18 merchant terminals
20 processor
24 printer
30 upsell database

Title Terms/Index Terms/Additional Words: CUSTOMER; BILL; STATEMENT;
GENERATE; METHOD; DETERMINE; RECEIVE; DATA; RELATED; ITEM; SATISFY; OFFER
; CONDITION; ACCORD

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B42D-0015/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

B42D-0015/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

US Classification, Issued: 235456000, 235380000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A1

11/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013465359 - Drawing available

WPI ACC NO: 2003-556901/200352

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;

1999-429754; 1999-508393; 2000-053611; 2000-053613; 2000-087500;

2000-087503; 2000-106161; 2000-270258; 2000-328274; 2000-423518;

2000-431389; 2000-431408; 2000-578956; 2000-610539; 2000-671821;

2000-679014; 2001-060626; 2001-146867; 2001-146878; 2001-157972;

2001-159089; 2001-159300; 2001-181019; 2001-265605; 2001-342730;

2001-342996; 2001-388796; 2001-464538; 2001-624069; 2002-049370;

2002-096655; 2002-215721; 2002-237036; 2002-254256; 2002-402061;

2002-434665; 2002-582966; 2002-607014; 2002-698146; 2003-057024;

2003-075336; 2003-199382; 2003-265264; 2003-392435; 2003-419813;

2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;

2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;

2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;

2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;

2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;

2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;

2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;

2007-108649

XRPX Acc No: N2003-442535

Payment amount determination method for e-commerce transactions, involves paying owner more than predetermined bid amount in exchange for item

Patent Assignee: ALDERUCCI D P (ALDE-I); GELMAN G M (GELM-I); O'SHEA D (OSHE-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)

Inventor: **ALDERUCCI D P** ; GELMAN G M; O'SHEA D; **VAN LUCHENE A S** ; **WALKER J S**

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030083979	A1	20030501	US 1999285472	A	19990402	200352 B
			US 2002189310	A	20020702	

Priority Applications (no., kind, date): US 1999285472 A 19990402; US 2002189310 A 20020702

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030083979	A1	EN	20	10	C-I-P of application US 1999285472 C-I-P of patent US 6415264

Alerting Abstract US A1

NOVELTY - A data indicating an item for sale is received by an owner, and a bid amount is received for the item. An owner is paid more than the predetermined bid amount in exchange for the item.

USE - For determining payment amount for products such as second-hand consumer electronic device, hotel rooms, car rental services, concert, event tickets, new merchandise for e-commerce transactions, using personal computer, personal digital assistants, wired or wireless telephones or any other appropriate communication device using communication network e.g. LAN, WAN, wireless network, public switched telephone network, internet protocol (IP) network such as internet, intranet or extranet.

ADVANTAGE - Determines payment amount, reliably.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the payment amount determination system.

Title Terms/Index Terms/Additional Words: PAY; AMOUNT; DETERMINE; METHOD; TRANSACTION; OWNER; MORE; PREDETERMINED; BID; EXCHANGE; ITEM

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

US Classification, Issued: 705037000

File Segment: EPI;

DWPI Class: T01; T05; W01

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T05-L02; W01-C05B3C

11/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013023667 - Drawing available

WPI ACC NO: 2003-102319/200309

XRPX Acc No: N2003-081710

Sales promotion method involves providing promotional offer, based on comparison of information about set of priced products and acquired products

Patent Assignee: ALDERUCCI D P (ALDE-I); SUAREZ J A (SUAR-I); TULLEY S C (TULL-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)

Inventor: **ALDERUCCI D P** ; SUAREZ J A; TULLEY S C; **VAN LUCHENE A S** ; **WALKER J S**

Patent Family (1 patents, 1 countries)
Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20020133426	A1	20020919	US 2001276503	P	20010315	200309 B
			US 2002100684	A	20020315	

Priority Applications (no., kind, date): US 2001276503 P 20010315; US 2002100684 A 20020315

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020133426	A1	EN	21	8	Related to Provisional US 2001276503

Alerting Abstract US A1

NOVELTY - Customers are enabled to establish price for products online. A promotional offer is provided to customers, based on comparison of information about set of priced products and actually acquired products.

USE - For promoting sale of products.

ADVANTAGE - Promotes sale of products effectively.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of online pricing system.

Title Terms/Index Terms/Additional Words: SALE; PROMOTE; METHOD; OFFER; BASED; COMPARE; INFORMATION; SET; PRICE; PRODUCT; ACQUIRE

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705026000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2A; T01-N01A2C

11/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013023657 - Drawing available

WPI ACC NO: 2003-102309/200309

XRPX Acc No: N2003-081700

Product promotion process e.g. for beverages, involves providing benefit to customer upon verification of compliance of customer with agreement to restrict purchases of particular product to specific brand type

Patent Assignee: ALDERUCCI D P (ALDE-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)

Inventor: **ALDERUCCI D P ; VAN LUCHENE A S ; WALKER J S**

Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20020133408	A1	20020919	US 2001276198	P	20010315	200309 B
			US 2002100565	A	20020315	

Priority Applications (no., kind, date): US 2001276198 P 20010315; US 2002100565 A 20020315

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020133408	A1	EN	16	7	Related to Provisional US 2001276198

Alerting Abstract US A1

NOVELTY - An agreement to restrict purchases of a particular product to a

specific brand type, is received from a customer (105). Data representing purchases made by the customer is received. The compliance of the customer with the received agreement is verified and accordingly a benefit such as discount is provided to the customer.

USE - For promotion of products such as beverages.

ADVANTAGE - Enables a manufacturer to efficiently promote a particular type of product by providing benefit to a customer for purchasing that particular product. Enforces brand loyalty by considering the preferences of the customer to a specific brand of product such that customers are rewarded for brand loyalty.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the product promotion system.

105 Customer

Title Terms/Index Terms/Additional Words: PRODUCT; PROMOTE; PROCESS; BEVERAGE; BENEFICIAL; CUSTOMER; VERIFICATION; COMPLIANT; AGREE; RESTRICT; PURCHASE; SPECIFIC; BRAND; TYPE

Class Codes

International Classification (Main): **G06F-017/60**

US Classification, Issued: 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J05A2A

11/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010998946 - Drawing available

WPI ACC NO: 2001-624069/200172

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;

1999-429754; 1999-508393; 2000-053611; 2000-053613; 2000-087500;

2000-087503; 2000-106161; 2000-270258; 2000-328274; 2000-423518;

2000-431389; 2000-431408; 2000-578956; 2000-610539; 2000-671821;

2000-679014; 2001-060626; 2001-146867; 2001-146878; 2001-157972;

2001-159089; 2001-159300; 2001-181019; 2001-265605; 2001-342730;

2001-342996; 2001-388796; 2001-464538; 2002-049370; 2002-096655;

2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;

2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;

2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;

2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;

2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;

2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;

2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;

2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;

2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;

2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;

2007-108649

XRPX Acc No: N2001-464893

Billing statement generating method for point of sales system involves recognizing validity of sales offer for each billing items based on which offer date is recorded

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: **ALDERUCCI D**; **TEDESCO D E**; **VAN LUCHENE A S**; **WALKER J S**

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6196458	B1	20010306	US 1997982149	A	19971201	200172 B

Priority Applications (no., kind, date): US 1997982149 A 19971201

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6196458	B1	EN	16	7	

Alerting Abstract US B1

NOVELTY - The data relevant to each billing item is identified billing item. The billing item is compared with service offer conditions, to recognize offer validity. A statement with information corresponding to the satisfied offer condition is generated.

DESCRIPTION - An INDEPENDENT CLAIM is also included for the billing statement.

USE - For point of sales system and credit card services utilized in commercial transaction, advertising.

ADVANTAGE - Provides sales offer to customer, by recording the offer information along with other information thereby simplifies sales transaction.

DESCRIPTION OF DRAWINGS - The figure shows the schematic view of billing statement generating apparatus.

Title Terms/Index Terms/Additional Words: BILL; STATEMENT; GENERATE; METHOD ; POINT; SALE; SYSTEM; RECOGNISE; VALID; OFFER; ITEM; BASED; DATE; RECORD

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

B42D-0015/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

B42D-0015/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

US Classification, Issued: 235380000, 705034000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-E01C; T01-J05A1; T01-J05B; T05-H02C3; T05-L01

11/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010801449 - Drawing available

WPI ACC NO: 2001-417426/200144

XPX Acc No: N2001-309322

Information communication method in point of sales network, involves determining if performance data relating to offer made at POS terminal meets preset criterion

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: **ALDERUCCI D** ; BEMER K; HEIER J E; MUELLER R J; RATH A; TEDESCO D E; TULLEY S C; **VAN LUCHENE A S** ; **WALKER J S**

Patent Family (3 patents, 93 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001015033	A2	20010301	WO 2000US19426	A	20000717	200144 B

AU 200061051	A	20010319	AU 200061051	A	20000717	200144	E
EP 1208506	A2	20020529	EP 2000947442	A	20000717	200243	E
			WO 2000US19426	A	20000717		

Priority Applications (no., kind, date): US 1999150630 P 19990825; US 2000538751 A 20000330

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001015033	A2	EN	79	13		

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200061051	A	EN			Based on OPI patent	WO 2001015033
EP 1208506	A2	EN			PCT Application	WO 2000US19426
					Based on OPI patent	WO 2001015033

Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Alerting Abstract WO A2

NOVELTY - It is determined if performance data identified to be relating to an offer made at a POS terminal (22), meets a predetermined criterion. Based on the determination, an additional POS terminal in the network is automatically selected. An indication of an offer, which is based on the offer made at the POS terminal (22), automatically made available to the selected additional POS terminal.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. POS terminal network;
2. Digital memory;
3. Offer propagating method in POS terminal network

USE - For information communication in network of point of sales terminals e.g. cash registers for large scale retail organization in business application, for application in network of intelligent vending machine, gaming devices e.g. video slot terminals such as credit card validation terminals.

ADVANTAGE - Permits successful offer programs to propagate throughout a network of POS terminals. Enables performing decision making process for propagation of offers in a de-centralized manner.

DESCRIPTION OF DRAWINGS - The figure shows block diagram of POS network. 22 POS terminal

Title Terms/Index Terms/Additional Words: INFORMATION; COMMUNICATE; METHOD; POINT; SALE; NETWORK; DETERMINE; PERFORMANCE; DATA; RELATED; OFFER; MADE; POS; TERMINAL; PRESET; CRITERIA

Class Codes

International Classification (Main): **G06F-017/60**
 File Segment: EPI;
 DWPI Class: T01; T05
 Manual Codes (EPI/S-X): T01-J05A1; T05-L01A; T05-L01D

11/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009657952 - Drawing available

WPI ACC NO: 1999-610877/199952

XRPX Acc No: N1999-450126

Customer's visit based progressive discount determination method used in retail establishment such as supermarket

Patent Assignee: ALDERUCCI D P (ALDE-I); MIK M (MIKM-I); VAN LUCHENE A S (VLUC-I); WALKER ASSET MANAGEMENT LP (WALK-N); WALKER DIGITAL LLC (WALK-N); WALKER J S (WALK-I)

Inventor: **ALDERUCCI D ; ALDERUCCI D P ; CHUPREVICH J; MIK M; VAN LUCHENE A S ; WALKER J S**

Patent Family (4 patents, 84 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999050733	A2	19991007	WO 1999US6597	A	19990325	199952 B
AU 199932051	A	19991018	AU 199932051	A	19990325	200010 E
US 6687679	B1	20040203	US 199849297	A	19980327	200413 E
			US 1998166267	A	19981005	
US 20040117261	A1	20040617	US 199849297	A	19980327	200440 E
			US 1998166267	A	19981005	
			US 2003728226	A	20031204	

Priority Applications (no., kind, date): US 2003728226 A 20031204; US 199849297 A 19980327; US 1998166267 A 19981005

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999050733	A2	EN	123	32	

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 199932051	A	EN	Based on OPI patent	WO 1999050733
US 6687679	B1	EN	C-I-P of application	US 199849297
US 20040117261	A1	EN	C-I-P of application	US 199849297
			Continuation of application	US 1998166267

1998166267

Continuation of patent US 6687679

Alerting Abstract WO A2

NOVELTY - The signal processing system responds to a customer identification signal, generated by input device (118). The memory of signal processing system stores program signals which defines executable process for calculating recent discount based on predefined time period indicative of a date of last visit of the customer and former discount.

DESCRIPTION - The input device includes scanner, a keypad, a magnetic storage medium and an optical storage medium. The recent discount is calculated upon expiry of predefined time period by increasing or decreasing former discount by a predefined value if date of last visit is on or before predefined date respectively. The process generates coupon including an identifier. The date of last visit of the customer is replaced by a date of present visit of the customer to the retail establishment and the former discount is replaced by recent discount.

USE - For point of sales system in retail establishment such as supermarket.

ADVANTAGE - By offering progressive discount, customer's loyalty is rewarded and regular frequency of customer's visits is encouraged.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram for representing purchasing system for retail establishment.

118 Input device

Title Terms/Index Terms/Additional Words: CUSTOMER; VISIT; BASED; PROGRESS;
DISCOUNT; DETERMINE; METHOD; RETAIL; ESTABLISH; SUPERMARKET

Class CodesInternational Classification (Main): G06F, **G06F-017/60**

US Classification, Issued: 705014000, 705014000, 705016000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-F; T01-J05A; T01-S03; T05-D01; T05-L01D;
T05-L01X**11/5/9 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0009391551 - Drawing available

WPI ACC NO: 1999-327059/199927

XRPX Acc No: N1999-245322

A reward program administering method e.g. for businesses

Patent Assignee: WALKER ASSET MANAGEMENT LP (WALK-N)

Inventor: **ALDERUCCI D**; JORASCH J A; **VAN LUCHENE A S**; **WALKER J S****Patent Family** (4 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999023596	A1	19990514	WO 1998US22922	A	19981029	199927 B
AU 199912856	A	19990524	AU 199912856	A	19981029	199940 E
US 6049778	A	20000411	US 1997961964	A	19971031	200025 E
JP 2001522102	W	20011113	WO 1998US22922	A	19981029	200204 E
			JP 2000519386	A	19981029	

Priority Applications (no., kind, date): US 1997961964 A 19971031

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999023596	A1	EN	43	11	
National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199912856	A	EN			Based on OPI patent WO 1999023596
JP 2001522102	W	JA	39		PCT Application WO 1998US22922 Based on OPI patent WO 1999023596

Alerting Abstract WO A1

NOVELTY - A method for administering a reward program based on a series of registrations, each registration corresponding to a purchaser, comprises calculating a measurement of product success; determining if the measurement is within a predetermined range; selecting from the series of registrations a set of registrations which are early adopter registrations; and providing a reward to each early adopter purchaser if the measurement is within the predetermined range.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.a method for administering a reward program;

2.a method for administrating a reward program based on success of at least one of a plurality of products.

USE - For manufacturers, distributors or other sellers.

ADVANTAGE - Provides consumers with an incentive to buy a product earlier than they otherwise might have or buy a product they might not have otherwise bought. Purchasers may be able to recover the typically large cost of purchasing a new product by receiving rewards for early purchases of the product. Enables sellers to sell products earlier, and even increase sales of products. Permits a seller to recover the investment costs of new products earlier in the product life cycle.

DESCRIPTION OF DRAWINGS - The schematic illustrates a central controller of the apparatus for administering a reward program in accordance with the invention.

10 apparatus
12 central controller
14,16 data input devices
20 processor
22 storage device.

Title Terms/Index Terms/Additional Words: REWARD; PROGRAM; ADMINISTER; METHOD; BUSINESS

Class Codes

International Classification (Main): **G06F-017/60** , G06F-019/00
US Classification, Issued: 705014000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J; T01-J05A2; T01-J05B4

11/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009275932 - Drawing available

WPI ACC NO: 1999-204854/199917

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204855; 1999-312503; 1999-429754;
1999-508393; 2000-053611; 2000-053613; 2000-087500; 2000-087503;
2000-106161; 2000-270258; 2000-328274; 2000-423518; 2000-431389;
2000-431408; 2000-578956; 2000-610539; 2000-671821; 2000-679014;
2001-060626; 2001-146867; 2001-146878; 2001-157972; 2001-159089;
2001-159300; 2001-181019; 2001-265605; 2001-342730; 2001-342996;
2001-388796; 2001-464538; 2001-624069; 2002-049370; 2002-096655;
2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;
2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;
2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;
2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;
2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
2007-108649; 2000-329000; 2007-204640

XRPX Acc No: N1999-150919

Upsell determination method of purchase at point-of-sale terminal

Patent Assignee: ALDERUCCI D. (ALDE-I); ALKER DIGITAL LLC (WALK-N); VAN LUCHENE A S (VLUC-I); WALKER ASSET MANAGEMENT LP (WALK-N); WALKER

DIGITAL LLC (WALK-N); WALKER J S (WALK-I)
 Inventor: **ALDERUCCI D ; VAN LUCHENE A S ; WALKER J S**
Patent Family (12 patents, 81 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999011007	A2	19990304	WO 1998US16985	A	19980817	199917 B
AU 199891057	A	19990316	AU 199891057	A	19980817	199930 E
EP 1010284	A2	20000621	EP 1998943218	A	19980817	200033 E
			WO 1998US16985	A	19980817	
BR 199811997	A	20000905	BR 199811997	A	19980817	200048 E
			WO 1998US16985	A	19980817	
CN 1272928	A	20001108	CN 1998808506	A	19980817	200114 E
US 6298329	B1	20011002	US 1997822709	A	19970321	200160 E
			US 1997920116	A	19970826	
			US 199876409	A	19980512	
KR 2001023308	A	20010326	KR 2000701943	A	20000225	200161 E
AU 745406	B	20020321	AU 199891057	A	19980817	200233 E
JP 2002519776	W	20020702	WO 1998US16985	A	19980817	200246 E
			JP 2000556575	A	19980817	
MX 2000001851	A1	20020501	WO 1998US16985	A	19980817	200368 E
			MX 20001851	A	20000222	
US 6876978	B1	20050405	US 1997822709	A	19970321	200523 E
			US 1997920116	A	19970826	
			US 199876409	A	19980512	
			US 2000643668	A	20000818	
US 20050171848	A1	20050804	US 1997822709	A	19970321	200552 E
			US 1997920116	A	19970826	
			US 199876409	A	19980512	
			US 2000643668	A	20000818	
			US 200599287	A	20050405	

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 1997920116 A 19970826; US 199876409 A 19980512; US 2000643668 A 20000818; US 200599287 A 20050405

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999011007	A2	EN	57	20	
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199891057	A	EN			Based on OPI patent WO 1999011007
EP 1010284	A2	EN			PCT Application WO 1998US16985
					Based on OPI patent WO 1999011007
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
BR 199811997	A	PT			PCT Application WO 1998US16985
					Based on OPI patent WO 1999011007
US 6298329	B1	EN			C-I-P of application US 1997822709
					C-I-P of application US 1997920116
AU 745406	B	EN			Previously issued patent AU 9891057
					Based on OPI patent WO 1999011007
JP 2002519776	W	JA	59		PCT Application WO 1998US16985
					Based on OPI patent WO 1999011007
MX 2000001851	A1	ES			PCT Application WO 1998US16985
					Based on OPI patent WO 1999011007
US 6876978	B1	EN			C-I-P of application US 1997822709

199876409 C-I-P of application US 1997920116
Continuation of application US

US 20050171848 A1 EN C-I-P of patent US 6119099
C-I-P of application US 1997822709
C-I-P of application US 1997920116
Continuation of application US

199876409 Continuation of application US

2000643668 C-I-P of patent US 6119099
C-I-P of patent US 6267670
Continuation of patent US 6298329
Continuation of patent US 6876978

Alerting Abstract WO A2

NOVELTY - A POS terminal generates a purchase price of a purchase, and generates a rounded price, e.g. the lowest whole number greater than the purchase price. The terminal calculates a roundup amount as the difference between the purchase and rounded price. The terminal prints on the coupon (410) an identifier, such as a bar code based on the coupon value (414).

DESCRIPTION - INDEPENDENT CLAIMS are included for a method for generating a coupon, and apparatus for determining an upsell of a purchase at a point-of-sale terminal, and an apparatus for generating a coupon, and a computer-readable medium encoded with a program for implementing method for determining upsell.

USE - For determining upsell of purchase at point-of-sale terminal.

ADVANTAGE - Allows business to more effectively promote its various objectives.

DESCRIPTION OF DRAWINGS - The figure shows a schematic illustration of a coupon.

410 coupon,

414 coupon value.

Title Terms/Index Terms/Additional Words: DETERMINE; METHOD; PURCHASE; POINT; SALE; TERMINAL

Class Codes

International Classification (Main): G06F-019/00, G07G-001/12

(Additional/Secondary): **G06F-017/60**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06Q-0020/00 A I R 20060101

G06Q-0030/00 A I R 20060101

G07C-0015/00 A I R 20060101

G07F-0017/32 A I R 20060101

G07F-0005/24 A I R 20060101

G07F-0009/02 A I R 20060101

G07G-0001/00 A I R 20060101

G07G-0001/12 A I R 20060101

G07G-0005/00 A I R 20060101

G06Q-0010/00 C I R 20060101

G06Q-0020/00 C I R 20060101

G06Q-0030/00 C I R 20060101

G07C-0015/00 C I R 20060101

G07F-0017/32 C I R 20060101

G07F-0005/00 C I R 20060101

G07F-0009/02 C I R 20060101

G07G-0001/00 C I R 20060101

G07G-0001/12 C I R 20060101
 G07G-0005/00 C I R 20060101
 US Classification, Issued: 705014000, 705014000, 705026000, 705026000,
 705014000

File Segment: EPI;
 DWPI Class: T01; T04; T05; W02
 Manual Codes (EPI/S-X): T01-H07C5; T01-J05A1; T04-A03B1; T05-L01C; W02-L05

11/5/11 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX
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0008978262 - Drawing available
 WPI ACC NO: 1998-532192/199845
 Related WPI Acc No: 1998-193843; 1999-121144; 1999-121169; 1999-190705;
 1999-204853; 1999-204854; 1999-204855; 1999-312503; 1999-429754;
 1999-508393; 2000-053611; 2000-053613; 2000-087500; 2000-087503;
 2000-106161; 2000-270258; 2000-328274; 2000-423518; 2000-431389;
 2000-431408; 2000-578956; 2000-610539; 2000-671821; 2000-679014;
 2001-060626; 2001-146867; 2001-146878; 2001-157972; 2001-159089;
 2001-159300; 2001-181019; 2001-265605; 2001-342730; 2001-342996;
 2001-388796; 2001-464538; 2001-624069; 2002-049370; 2002-096655;
 2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;
 2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;
 2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;
 2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;
 2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
 2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
 2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
 2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
 2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
 2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
 2007-108649; 1998-437307; 1998-583541; 2000-329000; 2007-204640

XRPX Acc No: N1998-415201

**Supplementary product sales processing system for point of sale terminal -
 has POS terminal that is connected to controller, for performing
 merchandise transactions and lottery transactions in accordance with
 received lottery information**

Patent Assignee: GALAXY DEV CORP (GALA-N); GALAXY DEV LLC (GALA-N);
 JINDAL S K (JIND-I); JORASCH J A (JORA-I); LUCHENE A S V (LUCH-I); VAN
 LUCHENE A S (VLUC-I); WALKER ASSET MANAGEMENT LP (WALK-N); WALKER
 DIGITAL LLC (WALK-N); WALKER J S (WALK-I)

Inventor: **ALDERUCCI D**; **ALDERUCCI D A**; BELBRUNO E A; JINDAL S K; JORASCH
 J A; LUCHENE A S V; **VAN LUCHENE A S**; **WALKER J S**; VAN L A S

Patent Family (34 patents, 80 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1998043149	A2	19981001	WO 1998US5787	A	19980320	199845 B
AU 199867714	A	19981020	AU 199867714	A	19980320	199909 E
US 5926796	A	19990720	US 1997841791	A	19970505	199935 E
EP 1016012	A2	20000705	EP 1998913082	A	19980320	200035 E
			WO 1998US5787	A	19980320	
CN 1253644	A	20000517	CN 1998803555	A	19980320	200041 E
US 6119099	A	20000912	US 1997822709	A	19970321	200046 E
			US 1997920116	A	19970826	
US 6223163	B1	20010424	US 1997822709	A	19970321	200125 E
			US 1997920116	A	19970826	
			US 199845084	A	19980320	
MX 199908555	A1	20000601	WO 1998US5787	A	19980320	200133 E

			MX 19998555	A 19990917		
US 6267670	B1	20010731	US 1997822709	A 19970321	200146	E
KR 2001005536	A	20010115	KR 1999708595	A 19990920	200151	E
US 20010016514	A1	20010823	US 1997822709	A 19970321	200151	E
			US 2001836409	A 20010416		
AU 738202	B	20010913	AU 199874683	A 19980424	200164	E
US 6317723	B1	20011113	US 1997841791	A 19970505	200173	E
			US 1999335644	A 19990618		
BR 199815463	A	20011106	BR 199815463	A 19980320	200175	E
			WO 1998US5787	A 19980320		
US 6334112	B1	20011225	US 1997841791	A 19970505	200206	E
			US 199872715	A 19980505		
US 6334113	B1	20011225	US 1997841791	A 19970505	200206	E
			US 199873169	A 19980505		
US 20020046121	A1	20020418	US 1997841791	A 19970505	200228	E
			US 1999335644	A 19990618		
			US 2001998760	A 20011101		
AU 200215647	A	20020411	AU 199867714	A 19980320	200237	NCE
			AU 200215647	A 20020215		
JP 2002512714	W	20020423	JP 1998545921	A 19980320	200243	E
			WO 1998US5787	A 19980320		
US 6470322	B1	20021022	US 1997841791	A 19970505	200273	E
			US 199873165	A 19980505		
US 6542874	B1	20030401	US 1997841791	A 19970505	200324	E
			US 199873082	A 19980505		
US 20030105664	A1	20030605	US 1997822709	A 19970321	200339	E
			US 1997920116	A 19970826		
			US 199845084	A 19980320		
			US 2001777297	A 20010207		
US 6582304	B2	20030624	US 1997822709	A 19970321	200343	E
			US 2001836409	A 20010416		
US 6598024	B1	20030722	US 1997822709	A 19970321	200354	E
			US 1997920116	A 19970826		
			US 1999442754	A 19991112		
US 20030220132	A1	20031127	US 1997822709	A 19970321	200378	E
			US 2001836409	A 20010416		
			US 2003424362	A 20030425		
CA 2284662	C	20040120	CA 2284662	A 19980320	200411	E
			WO 1998US5787	A 19980320		
US 20040039645	A1	20040226	US 1997822709	A 19970321	200416	E
			US 1997920116	A 19970826		
			US 199845036	A 19980320		
			US 2003642978	A 20030818		
AU 776323	B2	20040902	AU 199867714	A 19980320	200477	NCE
			AU 200215647	A 20020215		
JP 2005088891	A	20050407	JP 1998546354	A 19980424	200524	E
			JP 2004333792	A 20041117		
US 20050075935	A1	20050407	US 1997822709	A 19970321	200525	E
			US 1997920116	A 19970826		
			US 1999442754	A 19991112		
			US 2003625089	A 20030722		
CN 1086988	C	20020703	CN 1998806557	A 19980424	200526	E
US 6887153	B2	20050503	US 1997822709	A 19970321	200530	E
			US 2001836409	A 20010406		
			US 2003424362	A 20030425		
JP 2006059345	A	20060302	JP 1998545921	A 19980320	200617	E
			JP 2005230017	A 20050808		
US 7072850	B1	20060704	US 1997822709	A 19970321	200644	E
			US 1997920116	A 19970826		
			US 199845518	A 19980320		

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 199744318 P 19970424; US 1997841791 A 19970505; US 199748244 P 19970602; US 1997920116 A 19970826; WO 1998US1924 A 19980204; US 199845036 A 19980320; US 199845084 A 19980320; US 199845347 A 19980320; US 199845386 A 19980320; US 199845518 A 19980320; WO 1998US5787 A 19980320; WO 1998US5787 A 19980325; US 199872715 A 19980505; US 199873082 A 19980505; US 199873165 A 19980505; US 199873169 A 19980505; US 1999335644 A 19990618; US 1999442754 A 19991112; US 2001777297 A 20010207; US 2001836409 A 20010406; US 2001836409 A 20010416; US 2001998760 A 20011101; AU 200215647 A 20020215; US 2003424362 A 20030425; US 2003625089 A 20030722; US 2003642978 A 20030818

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 1998043149	A2	EN	388	77	
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National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199867714	A	EN			Based on OPI patent WO 1998043149
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EP 1016012	A2	EN			PCT Application WO 1998US5787
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					Based on OPI patent WO 1998043149
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Regional Designated States, Original: AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

US 6119099	A	EN			C-I-P of application US 1997822709
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US 6223163	B1	EN			C-I-P of application US 1997822709
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MX 199908555	A1	ES			PCT Application WO 1998US5787
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US 20010016514	A1	EN			Continuation of application US
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1997822709					
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AU 738202	B	EN			Previously issued patent AU 9874683
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					Based on OPI patent WO 1998047765
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US 6317723	B1	EN			Continuation of application US
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1997841791					
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					Continuation of patent US 5926796
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BR 199815463	A	PT			PCT Application WO 1998US5787
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					Based on OPI patent WO 1998043149
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US 6334112	B1	EN			Division of application US 1997841791
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					Division of patent US 5926796
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US 6334113	B1	EN			Division of application US 1997841791
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					Division of patent US 5926796
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US 20020046121	A1	EN			Continuation of application US
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1997841791					
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					Continuation of application US
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1999335644					
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AU 200215647	A	EN			Division of application AU 199867714
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JP 2002512714	W	JA	255		PCT Application WO 1998US5787
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					Based on OPI patent WO 1998043149
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US 6470322	B1	EN			Division of application US 1997841791
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					Division of patent US 5926796
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US 6542874	B1	EN			Division of application US 1997841791
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					Division of patent US 5926796
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US 20030105664	A1	EN		C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199845084
199845084				C-I-P of patent US 6119099 Continuation of patent US 6223163 C-I-P of patent US 6267670 Continuation of application US 6582304
US 6582304	B2	EN		Continuation of patent US 6267670 C-I-P of application US 1997822709 Continuation of application US 1997920116
1997822709				
US 6598024	B1	EN		Continuation of patent US 6267670 C-I-P of application US 1997822709 Continuation of application US 20030220132
1997920116				
US 20030220132	A1	EN		Continuation of application US 1997822709 Continuation of application US 2001836409
1997822709				
2001836409				Continuation of patent US 6267670 Continuation of patent US 6582304 PCT Application WO 1998US5787 Based on OPI patent WO 1998043149
CA 2284662	C	EN		C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199845036
US 20040039645	A1	EN		C-I-P of patent US 6119099 C-I-P of patent US 6267670 Division of application AU 199867714
199845036				Previously issued patent AU 200215647
AU 776323	B2	EN		Division of application JP 1998546354
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US 20050075935	A1	EN		Continuation of patent US 6119099 C-I-P of patent US 6267670 Continuation of patent US 6598024 Continuation of application US 6887153
1997920116				
1999442754				Continuation of application US 2001836409
US 6887153	B2	EN		Continuation of patent US 6267670 Continuation of patent US 6582304 Division of application JP 1998545921
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JP 2006059345	A	JA	128	
US 7072850	B1	EN		

Alerting Abstract WO A2

The system includes a controller with a storage device storing merchandise information. The controller receives lottery information from the lottery data processing system. A POS terminal is connected to the controller, for performing merchandise transactions and lottery transactions in accordance with the received lottery information. The POS terminal includes a recorder for recording on a recording medium the

merchandise and lottery information. The controller communicates in substantially real-time with the lottery data processing system. The storage device stores lottery information received from the lottery data processing system that includes randomly selected lottery ticket numbers.

Title Terms/Index Terms/Additional Words: SUPPLEMENTARY; PRODUCT; SALE; PROCESS; SYSTEM; POINT; TERMINAL; POS; CONNECT; CONTROL; PERFORMANCE; MERCHANDISE; TRANSACTION; LOTS; ACCORD; RECEIVE; INFORMATION

Class Codes

International Classification (Main): **G06F-017/60** , G07G-001/12

(Additional/Secondary): A63F-003/08, G07B-001/00, G07G-001/06, G07G-001/14

International Classification (+ Attributes)

IPC + Level Value Position Status Version

A63F-0003/08	A	I	F	R	20060101
B64G-0001/00	A	I		R	20060101
B64G-0001/10	A	I	F	R	20060101
B64G-0001/24	A	I		R	20060101
G06F-0019/00	A	I		R	20060101
G06Q-0010/00	A	I		R	20060101
G06Q-0020/00	A	I		R	20060101
G06Q-0030/00	A	I	L	B	20060101
G06Q-0030/00	A	I		R	20060101
G06Q-0050/00	A	I	L	B	20060101
G07B-0001/00	A	I	L	R	20060101
G07C-0015/00	A	I		R	20060101
G07C-0015/00	A	I	L	B	20060101
G07F-0017/32	A	I		R	20060101
G07F-0017/32	A	N		R	20060101
G07F-0005/24	A	I		R	20060101
G07F-0009/02	A	I		R	20060101
G07G-0001/00	A	I		R	20060101
G07G-0001/06	A	I	L	R	20060101
G07G-0001/12	A	I		R	20060101
G07G-0001/12	A	I	F	B	20060101
G07G-0001/14	A	I	L	B	20060101
G07G-0001/14	A	I		R	20060101
G07G-0005/00	A	I		R	20060101
A63F-0003/08	C	I	F	R	20060101
B64G-0001/00	C	I		R	20060101
B64G-0001/24	C	I		R	20060101
G06F-0019/00	C	I		R	20060101
G06Q-0010/00	C	I		R	20060101
G06Q-0020/00	C	I		R	20060101
G06Q-0030/00	C	I	L	B	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0050/00	C	I	L	B	20060101
G07B-0001/00	C	I	L	R	20060101
G07C-0015/00	C	I		R	20060101
G07C-0015/00	C	I	L	B	20060101
G07F-0017/32	C	I		R	20060101
G07F-0017/32	C	N		R	20060101
G07F-0005/00	C	I		R	20060101
G07F-0009/02	C	I		R	20060101
G07G-0001/00	C	I		R	20060101
G07G-0001/01	C	I	L	R	20060101
G07G-0001/12	C	I		R	20060101
G07G-0001/12	C	I	L	B	20060101
G07G-0001/14	C	I	L	B	20060101
G07G-0001/14	C	I		R	20060101

G07G-0005/00 C I R 20060101
 US Classification, Issued: 463017000, 705016000, 705014000, 463017000,
 705016000, 705016000, 705016000, 705026000, 705016000, 705010000,
 705014000, 705016000, 705017000, 705001000, 705014000, 705016000,
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 463017000, 273269000, 463025000, 705016000, 705014000, 705017000,
 705020000, 463017000, 273269000, 705014000, 705019000, 705020000,
 705021000, 705023000, 705024000

File Segment: EngPI; EPI;
 DWPI Class: T01; T05; T06; W06; P36; Q25
 Manual Codes (EPI/S-X): T01-J05A1; T01-J05B; T05-L

11/5/12 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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08665985 **Image available**

METHOD AND SYSTEM FOR PROCESSING AUXILIARY PRODUCT SALES IN POINT-OF-SALE
 TERMINAL

PUB. NO.: 2006-059345 [JP 2006059345 A]

PUBLISHED: March 02, 2006 (20060302)

INVENTOR(s): **WALKER JAY S**
VAN LUCHENE ANDREW S
 JORASCH JAMES A
 JINDAL SANJAY K
ALDERUCCI DEAN

APPLICANT(s): WALKER DIGITAL LLC

APPL. NO.: 2005-230017 [JP 2005230017]
 Division of 10-545921 [JP 98545921]

FILED: August 08, 2005 (20050808)

PRIORITY: 97 822709 [US 97822709], US (United States of America), March
 21, 1997 (19970321)
 97 841791 [US 97841791], US (United States of America), May
 05, 1997 (19970505)
 97 920116 [US 97920116], US (United States of America),
 August 26, 1997 (19970826)
 98 045036 [US 9845036], US (United States of America), March
 20, 1998 (19980320)
 98 045084 [US 9845084], US (United States of America), March
 20, 1998 (19980320)
 98 045347 [US 9845347], US (United States of America), March
 20, 1998 (19980320)
 98 045518 [US 9845518], US (United States of America), March
 20, 1998 (19980320)

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G07G-0001/12	A I F B	20060101	20060206	H	JP
G07G-0001/14	A I L B	20060101	20060206	H	JP
G06Q-0050/00	A I L B	20060101	20060206	H	JP
G06Q-0030/00	A I L B	20060101	20060206	H	JP
G07C-0015/00	A I L B	20060101	20060206	H	JP

ABSTRACT

PROBLEM TO BE SOLVED: To reduce a burden for paying a coin back to a

customer or receiving a coin from the customer.

SOLUTION: A POS terminal determines upsell offered in exchange for change to the customer related to shopping. Preferably, the POS terminal maintains a database of at least one upsell price offered to the customer in exchange for the change to be paid to the customer and the upsell corresponding to it. When the customer receives the upsell, a cashier performs display like that by pushing a selection button of the POS terminal. Next, a payment amount required to be paid by the customer is set to be equal to a rounded price instead of a purchase price. Thereby, because the customer receives the upsell instead of the paid coin, exchange of the coin between the customer and the POS terminal is not required.

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11/5/13 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01270627

DYNAMIC PROPAGATION OF PROMOTIONAL INFORMATION IN A NETWORK OF POINT-OF-SALE TERMINALS

DYNAMISCHE VERBREITUNG VON WERBEINFORMATIONEN IN EINEM NETZWERK MIT VERKAUFSSTELLENENDGERATEN

DIFFUSION DYNAMIQUE D'INFORMATIONS A CARACTERE PROMOTIONNEL DANS UN RESEAU DE TERMINAUX DE POINTS DE VENTE

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1208506 A2 020529 (Basic)

WO 200115033 010301

APPLICATION (CC, No, Date): EP 2000947442 000717; WO 2000US19426 000717

PRIORITY (CC, No, Date): US 150630 P 990825; US 538751 000330

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010425 A2 International application. (Art. 158(1))

Application: 010425 A2 International application entering European phase

Application: 020529 A2 Published application without search report

Examination: 020529 A2 Date of request for examination: 20020301

Change: 020703 A2 Inventor information changed: 20020517

Change: 020814 A2 Inventor information changed: 20020621

Change: 020918 A2 Inventor information changed: 20020730
Withdrawal: 040804 A2 Date application deemed withdrawn: 20040203
LANGUAGE (Publication,Procedural,Application): English; English; English

11/5/14 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01018428

**METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A
POINT-OF-SALE TERMINAL**

**VERFAHREN UND SYSTEM ZUR VERARBEITUNG DES VERKAUFS ZUSATZLICHER PRODUKTE AN
EINEM VERKAUFSENDGERAT**

**PROCEDE ET SYSTEME DE TRAITEMENT DE VENTES DE PRODUITS SUPPLEMENTAIRES A UN
TERMINAL DE POINT DE VENTE**

PATENT ASSIGNEE:

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INVENTOR:

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JINDAL, Sanjay, K., 111 Marquez Place #300, Pacific Palisades, CA 90272,
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(US)

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Kinsler, Maureen Catherine et al (87471), Kilburn & Strode, 20 Red Lion
Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 1016012 A2 000705 (Basic)
WO 9843149 981001

APPLICATION (CC, No, Date): EP 98913082 980320; WO 98US5787 980320

PRIORITY (CC, No, Date): US 822709 970321; US 841791 970505; US 920116
970826; US 45386 980320; US 45036 980320; US 45347 980320; US 45518
980320; US 45084 980320

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000705 A2 Published application without search report

Application: 990428 A1 International application (Art. 158(1))

Change: 060823 A2 Title of invention (French) changed: 20060823

Change: 060823 A2 Title of invention (English) changed: 20060823

Change: 060823 A2 Title of invention (German) changed: 20060823

Change: 041020 A2 International Patent Classification changed:
20040831

Examination: 000705 A2 Date of request for examination: 19991021

Change: 000719 A2 Inventor information changed: 20000531

Search Report: 050112 A2 Date of drawing up and dispatch of
supplementary:search report 20041126

LANGUAGE (Publication,Procedural,Application): English; English; English

11/5/15 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00781899 **Image available**

**DYNAMIC PROPAGATION OF PROMOTIONAL INFORMATION IN A NETWORK OF
POINT-OF-SALE TERMINALS**

**DIFFUSION DYNAMIQUE D'INFORMATIONS A CARACTERE PROMOTIONNEL DANS UN RESEAU
DE TERMINAUX DE POINTS DE VENTE**

Patent Applicant/Assignee:

WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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, US (Nationality), (Designated only for: US)

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US (Nationality), (Designated only for: US)

Legal Representative:

LEVIN Nathaniel (et al) (agent), Walker Digital Corporation, Intellectual
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200115033 A2-A3 20010301 (WO 0115033)

Application: WO 2000US19426 20000717 (PCT/WO US0019426)

Priority Application: US 99150630 19990825; US 2000538751 20000330

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): **G06F-017/60**

International Patent Class (v7): G07G-001/14

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18048

English Abstract

A promotional offer is made to customers who engage in transactions at a
first point-of-sale (POS) terminal in a network of POS terminals. It is
determined whether the offer is successful, and additional POS terminals
may be selected to receive data indicative of the offer. The additional

POS terminals may be selected before the offer is evaluated at the first POS terminal or may be selected after the evaluation (e.g., based on considerations determined prior to the evaluation). Data setting forth rules for carrying out the offer and one or more messages to be conveyed to customers in making the offer may be transmitted to the selected additional POS terminals. The process of evaluating the offer, selecting additional POS terminals to receive the offer, and transmitting the necessary offer data to the additional POS terminals may be carried out in a central server associated with the POS network, and/or in one or more of the POS terminals.

French Abstract

On fait une offre promotionnelle a des clients qui realisent des transactions au niveau d'un premier terminal de point de vente (POS) dans un reseau de terminaux de POS. On determine si cette offre rencontre un succes, et on peut selectionner des terminaux de POS additionnels destines a recevoir des donnees indiquant cette offre. On peut selectionner ces terminaux additionnels avant que cette offre n'aie ete evaluee au niveau du premier terminal de POS, ou encore apres cette evaluation (fondee, par exemple, sur des considerations determinees avant cette evaluation). Des donnees formulant des regles permettant de mener a bien cette offre et un ou plusieurs messages a delivrer aux clients a l'occasion de cette offre peuvent etre transmis aux terminaux de POS additionnels selectionnes. Le processus d'evaluation de cette offre, la selection des terminaux de POS additionnels destines a recevoir cette offre, et la transmission des donnees de l'offre necessaires a ces terminaux de POS additionnels peuvent etre effectues dans un serveur central associe au reseau des POS, et/ou dans un ou plusieurs terminaux de POS.

Legal Status (Type, Date, Text)

Publication 20010301 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20010607 Late publication of international search report
Republication 20010607 A3 With international search report.
Republication 20010607 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20010705 Request for preliminary examination prior to end of 19th month from priority date

11/5/16 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00479655 **Image available**

METHOD AND APPARATUS FOR GENERATING A COUPON**PROCEDE ET APPAREIL DE PRODUCTION D'UN BON DE REDUCTION**

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,

Inventor(s):

WALKER Jay S,
VAN LUCHENE Andrew S ,
ALDERUCCI Dean ,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9911007 A2 19990304

Application: WO 98US16985 19980817 (PCT/WO US9816985)

Priority Application: US 97920116 19970826; US 9876409 19980512

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
TG

Main International Patent Class (v7): **G06F-017/60**

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11160

English Abstract

A POS terminal (10) generates a purchase price of a purchase, and generates a rounded price. The rounded price may be, for example, the lowest whole number greater than the purchase price. The POS terminal (10) then calculates a round-up amount (change due to the customer) as the difference between the purchase price and the rounded price. The coupon value (414) is set based on the round-up amount. For example, the coupon (410) may be redeemable for triple the amount of change due. The POS terminal (10) prints on the coupon (410) an identifier, such as a bar code (372), that is based on the coupon value (414). The bar code (372) allows the coupon (410) to be read by a POS terminal (10) when the coupon (410) is redeemed.

French Abstract

L'invention concerne un terminal point de vente (10) qui produit le prix d'achat d'un bien, puis un prix arrondi. Ce prix arrondi peut par exemple être le nombre entier le plus faible immédiatement supérieur au prix d'achat. Le terminal point de vente (10) calcule ensuite un montant arrondi (la monnaie due au client) égal à la différence entre le prix d'achat et le prix arrondi. La valeur (414) du bon de réduction est alors fixée sur la base de ce montant arrondi. Le bon de réduction (410) peut par exemple représenter trois fois la valeur de la monnaie devant être rendue. Le terminal point de vente (10) imprime sur ce bon de réduction (410) un identificateur, par exemple un code à barres (372), sur la base de la valeur (414) du bon. Ce code à barres (372) permet à un terminal point de vente (10) de lire ce bon de réduction (410) lorsqu'un client se fait rembourser ce dernier.

11/5/17 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00452685

METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A POINT-OF-SALE TERMINAL

PROCEDE ET SYSTEME DE TRAITEMENT DE VENTES DE PRODUITS SUPPLEMENTAIRES A UN TERMINAL DE POINT DE VENTE

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,

Inventor(s):

WALKER Jay S,
VAN LUCHENE Andrew S ,
JORASCH James A,
JINDAL Sanjay K,
ALDERUCCI Dean ,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843149 A2 19981001

Application: WO 98US5787 19980320 (PCT/WO US9805787)

Priority Application: US 97822709 19970321; US 97841791 19970505; US 97920116 19970826; US 9845386 19980320; US 9845036 19980320; US 9845347 19980320; US 9845518 19980320; US 9845084 19980320

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TGMain International Patent Class (v7): **G06F-017/60**

International Patent Class (v7): H04K-001/02

Publication Language: English

Fulltext Availability:

Detailed Description

Claims.

Fulltext Word Count: 53218

English Abstract

A POS terminal determines an upsell to offer in exchange for the change due to a customer in connection with a purchase. The point-of-sale terminal preferably maintains a database of at least one upsell price and a corresponding upsell to offer a customer in exchange for the change due to him. If the customer accepts the upsell, the cashier so indicates by pressing a selection button on the POS terminal. The required payment amount for the customer to pay is then set equal to the rounded price, rather than the purchase price. Thus, the customer receives the upsell in exchange for the coins due to him, and the coins need not be exchanged between the customer and the POS terminal.

French Abstract

Un terminal de point de vente determine une prestation supplementair a offrir en echange de la monnaie due a un client suite a un achat. Le terminal de point de vente conserve de preference une base de donnees d'au moins un prix de prestation supplementaire et de la prestation correspondante a offrir au client en echange de la monnaie lui etant due. Si le client accepte la prestation supplementaire, la caissiere l'indique en pressant un bouton de selection sur le terminal de point de vente. Le montant qu'on demande au client de payer est alors le prix arrondi plutot que le prix d'achat. Le client recoit ainsi la prestation supplementaire en echange de la monnaie qui lui est due, ce qui supprime l'echange de monnaie entre le client et le terminal de point de vente.

? ds; show files

Set	Items	Description
S1	5334	AU=(WALKER, J? OR WALKER J? OR JAY(2N)WALKER)
S2	0	AU=(VAN LUCHENE, A? OR VAN LUCHENE A? OR ANDREW(2N)VAN LUC- HENE)
S3	0	AU=(ALDERUCCI, D? OR ALDERUCCI D? OR DEAN(2N)ALDERUCCI)
S4	4	S1 AND (POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SER- VICE? ? OR PURCHASE? OR TRANSACT?))
S5	4	RD (unique items)
File	2:INSPEC 1898-2007/Mar W3	(c) 2007 Institution of Electrical Engineers
File	35:Dissertation Abs Online 1861-2007/Mar	(c) 2007 ProQuest Info&Learning
File	65:Inside Conferences 1993-2007/Apr 02	(c) 2007 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs 1983-2007/Feb	(c) 2007 The HW Wilson Co.
File	474:New York Times Abs 1969-2007/Apr 01	(c) 2007 The New York Times
File	475:Wall Street Journal Abs 1973-2007/Mar 31	(c) 2007 The New York Times
File	583:Gale Group Globalbase(TM) 1986-2002/Dec 13	(c) 2002 The Gale Group
File	15:ABI/Inform(R) 1971-2007/Apr 02	(c) 2007 ProQuest Info&Learning
File	20:Dialog Global Reporter 1997-2007/Apr 02	(c) 2007 Dialog
File	610:Business Wire 1999-2007/Apr 02	(c) 2007 Business Wire.
File	810:Business Wire 1986-1999/Feb 28	(c) 1999 Business Wire
File	476:Financial Times Fulltext 1982-2007/Apr 01	(c) 2007 Financial Times Ltd
File	613:PR Newswire 1999-2007/Apr 02	(c) 2007 PR Newswire Association Inc
File	813:PR Newswire 1987-1999/Apr 30	(c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury Jun 1985-2007/Mar 29	(c) 2007 San Jose Mercury News
File	624:McGraw-Hill Publications 1985-2007/Apr 02	(c) 2007 McGraw-Hill Co. Inc
File	9:Business & Industry(R) Jul/1994-2007/Mar 30	(c) 2007 The Gale Group
File	275:Gale Group Computer DB(TM) 1983-2007/Mar 30	(c) 2007 The Gale Group
File	621:Gale Group New Prod. Annou. (R) 1985-2007/Mar 30	(c) 2007 The Gale Group
File	636:Gale Group Newsletter DB(TM) 1987-2007/Mar 30	(c) 2007 The Gale Group
File	16:Gale Group PROMT(R) 1990-2007/Mar 30	(c) 2007 The Gale Group
File	160:Gale Group PROMT(R) 1972-1989	(c) 1999 The Gale Group
File	148:Gale Group Trade & Industry DB 1976-2007/Mar 22	(c) 2007 The Gale Group
File	256:TecInfoSource 82-2007/Oct	(c) 2007 Info.Sources Inc

5/5/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01794462 04-45453

USE FORMAT 7 OR 9 FOR FULL TEXT

Taking the guesswork out of strategy building

Walker, James

Marketing Week v22n7 PP: 14 Mar 18, 1999 ISSN: 0141-9285 JRNL CODE: MWE

DOC TYPE: Journal article LANGUAGE: English LENGTH: 1 Pages

WORD COUNT: 454

GEOGRAPHIC NAMES: UK

DESCRIPTORS: Simulation; Marketing management; Risk; Strategic planning
CLASSIFICATION CODES: 9175 (CN=Western Europe); 9000 (CN=Short Article);
7000 (CN=Marketing); 2310 (CN=Planning); 5240 (CN=Software & systems)

ABSTRACT: Simulation media are reducing the risks involved in building new strategies, but some marketers may crack under the pressure to get it right.

5/5/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01226901 98-76296

USE FORMAT 7 OR 9 FOR FULL TEXT

Redemption revival

Walker, Jo-Anne

Marketing Week v19n7 PP: 67-73 May 10, 1996 ISSN: 0141-9285

JRNL CODE: MWE

DOC TYPE: Journal article LANGUAGE: English LENGTH: 4 Pages

WORD COUNT: 1541

GEOGRAPHIC NAMES: UK

DESCRIPTORS: Discount coupons; Business growth; Brand loyalty; Supermarkets
; Redemption; **Point** of **sale** systems; Distribution; Banks
CLASSIFICATION CODES: 9175 (CN=Western Europe); 7200 (CN=Advertising); 8390
(CN=Retailing industry); 5240 (CN=Software & systems); 8120 (CN=Retail
banking)

ABSTRACT: With the help of supermarket multiples like Tesco with its Clubcard and other similar loyalty schemes, the number of retail coupons being distributed at **point** of **purchase** is rising. However, coupon distribution is still nowhere near the levels of 1991, when, according to NCH Promotional Services, 8.1bn coupons were distributed in Britain. The drop in coupon distribution was driven by growing misredemption which supermarkets actively encouraged. It was only when supermarkets realized that well-run coupon schemes would provide the backbone for their own loyalty programs that they began to tighten up on redemption. Beside the need for retailers to use any means to draw in customers, it has also been the improvement in **point** -of- **purchase** technology that has enabled the coupon business to start flourishing again. The Catalina system is discussed. The development of cashpoint technology means that banks are likely to become prime distributors of money-off coupons. For advertisers, the medium has a lot to recommend it.

5/5/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00082568 78-16899

EDP Auditing

Walker, J. Elwood

Retail Control v47n2 PP: 18-29 Oct. 1978 CODEN: RETCAC ISSN: 0034-6047

JRNL CODE: REC

DOC TYPE: Journal article LANGUAGE: English

DESCRIPTORS: Internal auditing; Internal controls; Auditing; Computer audits; Data processing; Auditing procedures; Automated accounting systems; Online ; **Point of sale** terminals; Auditors

CLASSIFICATION CODES: 4100 (CN=Accounting); 5200 (CN=Communications & information management)

ABSTRACT: An increasing number of business records are maintained on computers for retailers. If the company uses the computer to process many accounting records, then an EDP audit should be included in an internal audit program. The auditors must become knowledgeable about the changes that are necessary to incorporate EDP systems. To develop an EDP audit, a company should begin by analyzing the current EDP environment and assess the risk that exist in it. From this point, an audit plan can be developed. The internal resources needed must be determined, and commitments from management must be obtained. A general control review should be conducted as well as application reviews. The audit tests can only be effectively completed by use of computer testing techniques. The retail internal auditor must be familiar with the fundamentals of data processing in order to be effective. He should play a role in systems planning, requirement definitions, implementation, and evaluation.

5/5/4 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

02039565 SUPPLIER NUMBER: 03120577 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Marketing your product support services.

Walker, John R.

Implement & Tractor, v99, p20(3)

Feb, 1984

ISSN: 0019-2953

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1475

LINE COUNT: 00110

INDUSTRY CODES/NAMES: AGRI Agriculture, Fishing and Tobacco

DESCRIPTORS: Services industry--Marketing; Agricultural machinery industry--Marketing

SIC CODES: 3523 Farm machinery and equipment

FILE SEGMENT: TI File 148

Set	Items	Description
S1	40662	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	4145810	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	5831	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	4649730	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	5395892	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	3066093	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	3236014	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	16434	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	2375	S2 AND S3
S10	13	S1 AND S9
S11	46	S1 AND S3
S12	1	S11 AND S8

File 350:Derwent WPIX 1963-2006/UD=200721

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File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)

(c) 2007 JPO & JAPIO

12/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013562792 - Drawing available

WPI ACC NO: 2003-656976/200362

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;
1999-429754; 1999-508393; 2000-053611; 2000-053613; 2000-087500;
2000-087503; 2000-106161; 2000-270258; 2000-328274; 2000-423518;
2000-431389; 2000-431408; 2000-578956; 2000-610539; 2000-671821;
2000-679014; 2001-060626; 2001-146867; 2001-146878; 2001-157972;
2001-159089; 2001-159300; 2001-181019; 2001-265605; 2001-342730;
2001-342996; 2001-388796; 2001-464538; 2001-624069; 2002-049370;
2002-096655; 2002-215721; 2002-237036; 2002-254256; 2002-402061;
2002-434665; 2002-582966; 2002-607014; 2002-698146; 2003-057024;
2003-075336; 2003-199382; 2003-265264; 2003-392435; 2003-419813;
2003-556901; 2003-644216; 2004-118327; 2004-166858; 2004-202576;
2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
2007-108649; 2000-329000; 2007-204640

XRPX Acc No: N2003-523395

Sales processing program code storage medium for use in fast food restaurants, stores program code for identifying package including complementary products having acceptable sales performance and for determining package price for products

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: TEDESCO D E; VAN LUCHENE A S; WALKER J S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6601036	B1	20030729	US 1997822709	A	19970321	200362 B
			US 1997920116	A	19970826	
			US 1997947798	A	19971009	
			US 199812163	A	19980122	
			US 199885424	A	19980527	
			US 2000571210	A	20000516	

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 1997920116 A 19970826; US 1997947798 A 19971009; US 199812163 A 19980122; US 199885424 A 19980527; US 2000571210 A 20000516

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6601036	B1	EN	24	9	C-I-P of application US 1997822709
					C-I-P of application US 1997920116
					C-I-P of application US 1997947798
					C-I-P of application US 199812163
					Continuation of application US

199885424

Alerting Abstract US B1

NOVELTY - The storage medium stores program code for identifying the product identifier of **complementary products**. Acceptable sales performance for the **complementary products** is verified. A package including the **complementary products** having acceptable sales

performance identified and is associated with a **demand rate** that is greater than preset **demand rate** . A package price for identified products is determined and outputted.

DESCRIPTION - An INDEPENDENT CLAIM is also included for product offering method.

USE - For storing sale processing program code in package offering system used in fast food restaurants.

ADVANTAGE - Enables a retailer to offer groups of goods at discount price in accordance with dynamic measurements of supply and demand. The popularity of the product is utilized effectively by combining low demand products with high demand products. Enables the retailer to discount products without exposing its price.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the package offering system.

102 server

104 network

106,108,110 **point of sales (POS) terminals**

Title Terms/Index Terms/Additional Words: SALE; PROCESS; PROGRAM; CODE; STORAGE; MEDIUM; FAST; FOOD; RESTAURANT; IDENTIFY; PACKAGE; COMPLEMENTARY ; PRODUCT; ACCEPT; PERFORMANCE; DETERMINE; PRICE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00	A	I	R	20060101
G06Q-0020/00	A	I	R	20060101
G06Q-0030/00	A	I	R	20060101
G07C-0015/00	A	I	R	20060101
G07F-0017/32	A	I	R	20060101
G07F-0005/24	A	I	R	20060101
G07F-0009/02	A	I	R	20060101
G07G-0001/00	A	I	R	20060101
G07G-0001/12	A	I	R	20060101
G07G-0005/00	A	I	R	20060101
G06Q-0010/00	C	I	R	20060101
G06Q-0020/00	C	I	R	20060101
G06Q-0030/00	C	I	R	20060101
G07C-0015/00	C	I	R	20060101
G07F-0017/32	C	I	R	20060101
G07F-0005/00	C	I	R	20060101
G07F-0009/02	C	I	R	20060101
G07G-0001/00	C	I	R	20060101
G07G-0001/12	C	I	R	20060101
G07G-0005/00	C	I	R	20060101

US Classification, Issued: 705010000, 705014000, 705016000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A1; T01-S03; T05-L01D

Set	Items	Description
S1	40662	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N)- TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	4145810	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	5831	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	4649730	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	5395892	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	3066093	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	3236014	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	16434	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	2375	S2 AND S3
S10	13	S1 AND S9
S11	46	S1 AND S3
S12	1	S11 AND S8
S13	251	S1 AND S8
S14	303606	S4 AND S5 AND S6
S15	7	S13 AND S14
S16	7	S15 NOT S12

File 350:Derwent WPIX 1963-2006/UD=200721

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File 347:JAPIO Dec 1976-2006/Nov(Updated 070228)

(c) 2007 JPO & JAPIO

16/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0015247114 - Drawing available

WPI ACC NO: 2005-597197/200561

XRPX Acc No: N2005-490005

Transport channel parameter selecting method for radio system, involves providing information on type of reception used in base station, generating transport format combination set, and comprising transport channel parameters

Patent Assignee: HORNEMAN K (HORN-I); NOKIA CORP (OYNO); PAJUKOSKI K (PAJU-I); TIIROLA E (TIIIR-I)

Inventor: HORNEMAN K; PAJUKOSKI K; TIIROLA E

Patent Family (2 patents, 106 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20050185594	A1	20050825	US 2004836620	A	20040503	200561 B
WO 2005081442	A1	20050901	WO 2005FI50047	A	20050223	200561 E

Priority Applications (no., kind, date): FI 2004294 A 20040225

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050185594	A1	EN	11	4	
WO 2005081442	A1	EN			

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Alerting Abstract US A1

NOVELTY - The method involves providing information on type of reception used in a base station of a radio system. Transport format combination sets (TFCSs) are generated, so that the TFCSs comprising different effective coding **rates**, for different data **rates** are used in the radio system. A specific TFCS used by user equipment is selected based on a type of reception used in the base station and the effective coding **rates** of the TFCSs.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a radio system for selecting a transport channel parameter in a radio system comprising a base station and a controller

USE - Used for selecting a transport channel parameter in a radio system (claimed).

ADVANTAGE - The method provides an optimal data transfer performance, when different types of receivers are used in the base station. The optimum selection of a transport format **offers better** quality of service for the end users of user equipment. The method also provides coverage and capacity improvements for the network. The multi-access interference is decreased due to **lower** transmit powers of active user equipment.

DESCRIPTION OF DRAWINGS - The drawing shows a simplified block diagram illustrating a structure of a radio system.

100 Core network(130) Radio access network
 142 Base station
 146, 156 Radio network controller
 170 User equipment

Title Terms/Index Terms/Additional Words: TRANSPORT; CHANNEL; PARAMETER;
SELECT; METHOD; RADIO; SYSTEM; INFORMATION; TYPE; RECEPTION; BASE;
STATION; GENERATE; FORMAT; COMBINATION; **SET** ; COMPRISE

Class Codes

International Classification (Main): H04L-001/00, H04L-012/26
(Additional/Secondary): H04B-001/707
US Classification, Issued: 370252000, 370278000, 370329000

File Segment: EPI;

DWPI Class: W01; W02

Manual Codes (EPI/S-X): W01-A06F2; W01-B05A1A; W02-C03C1G

16/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012922638 - Drawing available

WPI ACC NO: 2002-707417/200276

Related WPI Acc No: 2003-040580

XRPX Acc No: N2002-557722

Tracking performance of distributors by using data received from stores

Patent Assignee: BESSETTE R J (BESS-I); BURK M J (BURK-I); BURNS M P (BURN-I); DIAZ A M (DIAZ-I); EKEY D K (EKEY-I); FOURAKER W V (FOUR-I); GREENE E A (GREE-I); HOFFMAN G H (HOFF-I); KIRSHENBAUM L J (KIRS-I); MENNINGER A F (MENN-I); MOR R (MORR-I); REECE D G (REEC-I); RESTAURANT SERVICES INC (REST-N); RESTAURANT SERVICES INC RSI (REST-N); RSI (RSIR-N); RUEFF M P (RUEF-I); SECHRIST D (SECH-I); SMITH M A (SMIT-I); TOMAS-FLYNN M H (TOMA-I)

Inventor: BARNETT J B; BESSETTE R J; BURK M J; BURNS M P; DIAZ A M; EKEY D K; FOURAKER W V; GEHMAN A J; GREENE E A; HOFFMAN G H; HOFFMANN G H; HYATT J F; KIRSHENBAUM L J; MARKS S P; MENNINGER A F; MOR R; REECE D G; RODRIGUEZ W; RUEFF M P; SECHRIST D; SMITH M A; TOMAS-FLYNN M H

Patent Family (110 patents, 98 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2002077917	A1	20021003	WO 2002US8287	A	20020319	200276 B
US 20030014299	A1	20030116	US 2001816424	A	20010323	200308 E
US 20030018513	A1	20030123	US 2001834600	A	20010413	200310 E
US 20030009386	A1	20030109	US 2001816421	A	20010323	200311 E
US 20030023464	A1	20030130	US 2001816422	A	20010323	200311 E
US 20030023520	A1	20030130	US 2001815590	A	20010323	200311 E
US 20030023558	A1	20030130	US 2001815559	A	20010323	200311 E
US 20030028412	A1	20030206	US 2001815660	A	20010323	200313 E
US 20030040986	A1	20030227	US 2001815731	A	20010323	200318 E
US 20030041001	A1	20030227	US 2001815489	A	20010323	200318 E
US 20030046089	A1	20030306	US 2001816430	A	20010323	200320 E
US 20030046120	A1	20030306	US 2001816434	A	20010323	200320 E
US 20030046121	A1	20030306	US 2001816454	A	20010323	200320 E
US 20030046136	A1	20030306	US 2001815715	A	20010323	200320 E
US 20030046190	A1	20030306	US 2001816922	A	20010323	200320 E
US 20030046214	A1	20030306	US 2001816488	A	20010323	200320 E
US 20030048301	A1	20030313	US 2001816101	A	20010323	200321 E
US 20030050807	A1	20030313	US 2001816388	A	20010323	200321 E
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US 20030050809	A1	20030313	US 2001816503	A	20010323	200321 E
US 20030050822	A1	20030313	US 2001815813	A	20010323	200321 E
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US 20030061102	A1	20030327	US 2001815973	A	20010323	200325	E
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US 20030078860	A1	20030424	US 2001816349	A	20010323	200330	E
US 20030078861	A1	20030424	US 2001816976	A	20010323	200330	E
US 20030083909	A1	20030501	US 2001816212	A	20010323	200331	E
US 20030083918	A1	20030501	US 2001816896	A	20010323	200331	E
US 20030083947	A1	20030501	US 2001834465	A	20010413	200331	E
US 20030097317	A1	20030522	US 2001816412	A	20010323	200336	E
US 20030088449	A1	20030508	US 2001816565	A	20010323	200337	E
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AU 2002258547	A1	20021008	AU 2002258547	A	20020319	200436	E
US 20040193482	A1	20040930	US 2001816414	A	20010323	200465	E
US 20050060245	A1	20050317	US 2001816268	A	20010323	200521	E
			US 2004855877	A	20040528		
US 6954736	B2	20051011	US 2001815973	A	20010323	200567	E
US 20060015416	A1	20060119	US 2001816268	A	20010323	200607	E
			US 2004855877	A	20040528		
			US 2005178320	A	20050712		
AU 2002258547	A8	20051027	AU 2002258547	A	20020319	200628	E
US 7039606	B2	20060502	US 2001816896	A	20010323	200629	E
US 7054837	B2	20060530	US 2001816268	A	20010323	200636	E
			US 2004855877	A	20040528		
US 7072843	B2	20060704	US 2001816413	A	20010323	200644	E
US 7120596	B2	20061010	US 2001816491	A	20010323	200667	E
US 7171379	B2	20070130	US 2001816454	A	20010323	200710	E

Priority Applications (no., kind, date): US 2001816567 A 20010322; US 2001815488 A 20010323; US 2001815489 A 20010323; US 2001815490 A 20010323; US 2001815515 A 20010323; US 2001815559 A 20010323; US 2001815580 A 20010323; US 2001815590 A 20010323; US 2001815598 A 20010323; US 2001815606 A 20010323; US 2001815660 A 20010323; US 2001815668 A 20010323; US 2001815688 A 20010323; US 2001815715 A 20010323; US 2001815725 A 20010323; US 2001815727 A 20010323; US 2001815729 A 20010323; US 2001815731 A 20010323; US 2001815734 A 20010323; US 2001815759 A 20010323; US 2001815777 A 20010323; US 2001815792 A 20010323; US 2001815813 A 20010323; US 2001815830 A 20010323; US 2001815845 A 20010323; US 2001815864 A 20010323; US 2001815893 A 20010323; US 2001815894 A 20010323; US 2001815897 A 20010323; US 2001815899 A 20010323; US 2001815973 A 20010323; US 2001815989 A 20010323; US 2001816021 A 20010323; US 2001816033 A 20010323; US 2001816048 A 20010323; US 2001816069 A 20010323; US 2001816075 A 20010323; US 2001816083 A 20010323; US 2001816092 A 20010323; US 2001816101 A 20010323; US 2001816121 A 20010323; US 2001816151 A 20010323; US 2001816160 A 20010323; US 2001816167 A 20010323; US 2001816187 A 20010323; US 2001816203 A 20010323; US 2001816212 A 20010323; US 2001816231 A 20010323; US 2001816249 A 20010323; US 2001816268 A 20010323; US 2001816269 A 20010323; US 2001816285 A 20010323; US 2001816296 A 20010323; US 2001816314 A 20010323; US 2001816331 A 20010323; US 2001816349 A 20010323; US 2001816357 A 20010323; US 2001816358 A 20010323; US 2001816388 A 20010323; US 2001816412 A 20010323; US 2001816413 A 20010323; US 2001816414 A 20010323; US 2001816420 A 20010323; US 2001816421 A 20010323; US 2001816422 A 20010323; US 2001816424 A 20010323; US 2001816426 A 20010323; US 2001816427 A 20010323; US 2001816428 A 20010323; US 2001816429 A 20010323; US 2001816430 A 20010323; US 2001816431 A 20010323; US 2001816434 A 20010323; US 2001816454 A

20010323; US 2001816455 A 20010323; US 2001816471 A 20010323; US
 2001816488 A 20010323; US 2001816491 A 20010323; US 2001816495 A
 20010323; US 2001816503 A 20010323; US 2001816507 A 20010323; US
 2001816536 A 20010323; US 2001816537 A 20010323; US 2001816543 A
 20010323; US 2001816553 A 20010323; US 2001816555 A 20010323; US
 2001816560 A 20010323; US 2001816561 A 20010323; US 2001816564 A
 20010323; US 2001816565 A 20010323; US 2001816567 A 20010323; US
 2001816576 A 20010323; US 2001816582 A 20010323; US 2001816881 A
 20010323; US 2001816896 A 20010323; US 2001816922 A 20010323; US
 2001816944 A 20010323; US 2001816976 A 20010323; US 2001815483 A
 20010323; US 2001834465 A 20010413; US 2001834600 A 20010413; US
 2001834838 A 20010413; US 2001834924 A 20010413; US 2004855877 A
 20040528; US 2005178320 A 20050712

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002077917	A1	EN	573	241	
National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
AU 2002258547	A1	EN			Based on OPI patent WO 2002077917
US 20050060245	A1	EN			Continuation of application US 2001816268
US 20060015416	A1	EN			Continuation of application US 2001816268
					Continuation of application US 2004855877
AU 2002258547	A8	EN			Based on OPI patent WO 2002077917
US 7054837	B2	EN			Continuation of application US 2001816268

Alerting Abstract WO A1

NOVELTY - Method of tracking the performance of distributors consists in registering the distributors, receiving data a using a network and relating to distribution of goods to stores by the distributors and tracking the performance of the distributors using the data. The data includes delivery dates associated with the goods, performance is displayed to the stores using a network based interface and the data is received from the stores.

DESCRIPTION - There are INDEPENDENT CLAIMS for:

- 1.A system for tracking the performance of distributors
- 2.A computer program for tracking the performance of distributors
- 3.A method of managing a supply chain
- 4.A system for managing a supply chain
- 5.A method of tracking the sale of goods in a store
- 6.A system for tracking the sale of goods in a store
- 7.A method of forecasting the sale of goods in a store
- 8.A system for forecasting the sale of goods in a store
- 9.A method of planning promotions

- 10.A system for planning promotions
- 11.A method for processed product supply chain reporting
- 12.A system for processed product supply chain reporting
- 13.A method of providing a network-based supply chain interface
- 14.A system for providing a network-based supply chain interface
- 15.A system for evaluating the success of a promotion
- 16.A method for providing a restaurant supply chain management interface network
- 17.A system for providing a restaurant supply chain management interface network
- 18.A system for identifying goods in a network-based supply chain management framework
- 19.A method of tracking goods in a network-based supply chain management framework
- 20.A system for tracking shipment of goods in a network-based supply chain management framework
- 21.A method of reporting in a network-based supply chain management framework
- 22.A system for reporting in a network-based supply chain management framework
- 23.A method for cost reporting in a network-based supply chain management framework
- 24.A system for cost reporting in a network-based supply chain management framework
- 25.A method for promotion reporting in a network-based supply chain management framework
- 26.A system for promotion reporting in a network-based supply chain management framework
- 27.A method of generating supply chain statistics
- 28.A method for navigating a user in a network-based supply chain management interface
- 29.A system for navigating a user in a network-based supply chain management interface
- 30.A method of tracking the performance of suppliers
- 31.A method for inventory management using a network-based framework
- 32.A system for inventory management using a network-based framework
- 33.A system for forecasting the sale of goods

- 34.A system for normalizing data in a supply chain management framework
- 35.A method of providing network-based supply chain communication between stores, distributors, suppliers, a supply chain manager, and his office
- 36.A system for providing network-based supply chain communication between stores, distributors, suppliers, a supply chain manager, and his office
- 37.A system for providing feedback on forecasting relating to the sale of goods in a store utilizing a network-based supply chain management framework
- 38.Many more .given

USE - Method is for managing supply chains as applied to manufacturing and sales.

DESCRIPTION OF DRAWINGS - The figure shows an electronic reporting and feedback system.

Title Terms/Index Terms/Additional Words: TRACK; PERFORMANCE; DISTRIBUTE; DATA; RECEIVE; STORAGE

Class Codes

International Classification (Main): G06K-015/00, G06F-017/60

(Additional/Secondary): G07B-015/02

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/60 A I F B 20051231

G06Q-0010/00 A I F B 20060101

G06Q-0010/00 A I R 20060101

G06Q-0010/00 C I L B 20060101

G06Q-0010/00 C I R 20060101

US Classification, Issued: 705026000, 705010000, 705010000, 705028000,

705007000, 705030000, 705400000, 705051000, 705010000, 705028000,

705037000, 705001000, 705007000, 705007000, 705010000, 705028000,

705037000, 345764000, 345846000, 705007000, 705007000, 705010000,

705007000, 705008000, 705010000, 705010000, 705011000, 705026000,

705027000, 705028000, 705021000, 705028000, 705030000, 705007000,

705007000, 705007000, 707006000, 705008000, 705022000, 705028000,

705009000, 705080000, 705010000, 705010000, 705026000, 705028000,

705010000, 705022000, 705026000, 705028000, 705008000, 705022000,

705008000, 705028000, 705022000, 705028000, 705008000, 705028000,

705028000, 705030000, 705400000, 705028000, 705007000, 705010000,

705028000, 705010000, 705010000, 705014000, 705400000, 235385000,

705007000, 705007000, 705007000, 705007000, 705007000, 705007000,

705008000, 705010000, 705010000, 705021000, 705014000, 705026000,

705015000, 705022000, 705026000, 705026000, 705028000, 705026000,

707009000, 705028000, 705028000, 705008000, 705022000, 705035000,

705037000, 705028000, 705037000, 705037000, 705400000, 705001000,

705030000, 705001000, 705028000, 705001000, 705007000, 705007000,

705007000, 705010000, 705028000, 705010000, 705026000, 705026000,

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705022000, 705022000, 705028000, 705028000, 705007000, 705008000,

235385000, 705022000, 705028000, 705008000, 705022000, 705028000,

705026000, 705030000, 705021000, 705014000, 705028000, 705001000,

705028000, 705028000, 705026000, 705026000, 705009000, 705028000,

705028000, 705007000, 705009000, 705034000, 705026000, 705008000,

705010000, 705007000, 705016000, 705021000, 705022000, 705028000,
705007000, 705009000, 705034000, 705026000, 705028000, 705015000

File Segment: CPI; EPI

DWPI Class: A60; D22; T01; T05

Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T01-S03; T05-L01D

16/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010554650 - Drawing available

WPI ACC NO: 2001-158200/200116

XRAM Acc No: C2001-046845

Food product for mass distribution comprises a shell and a filling, in which an outer edge area of the shell is rolled over the filling, and the filling and the shell are rolled toward an opposite outer edge area of the shell

Patent Assignee: LIRA A S (LIRA-I)

Inventor: LIRA A S

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6165522	A	20001226	US 1999311486	A	19990513	200116 B

Priority Applications (no., kind, date): US 1999311486 A 19990513

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6165522	A	EN	7	5	

Alerting Abstract US A

NOVELTY - A layered, spirally wound food product (10) comprises a pliable edible shell layer (12) having a length, a width, a base area, and outer edge areas; and a filling layer (14) of cooked food ingredient(s), placed on the base area of the shell layer. An outer edge area of the shell layer is rolled over the filling layer, and the filling and shell layers are rolled toward an opposite outer edge area.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for making the above food product, comprising:

- 1.blending flour, shortening and salt to form a shell dough;
- 2.compressing the dough into a shell sheet of predetermined thickness;
- 3.heating the shell sheet to a desired finished temperature to form a pliable, edible sheet material;
- 4.simultaneously blending a filling containing food ingredient(s);
- 5.compressing the filling to form a filling sheet of predetermined thickness;
- 6.cooking the filling sheet to a finished temperature;
- 7.placing the cooked filling sheet superimposed on the shell sheet;
- 8.rolling the pliable edible sheet and superimposed cooked filling sheet together to form a spirally interleaved layers of edible sheet material and cooked food ingredient(s); and

9. securing the spirally interleaved layers together in the spiral.

USE - As a food product for mass distribution, e.g., hamburger sandwich, pizza, or burritos.

ADVANTAGE - The assembled food product has uniform consistency throughout the assembly, uniform outer appearance, and improved cooking quality. It is portable and pleasing to the eye, and can be eaten as a finger food with a minimum spillage. It can be manufactured in high volume quantities with a minimum of manual labor, while preserving or exceeding the quality of point-of-sale assembled foods.

DESCRIPTION OF DRAWINGS - The figure is a perspective view of the food product after being spirally wound into a roll.

- 10 Food product
- 12 Shell layer
- 14 Filling layer

Title Terms/Index Terms/Additional Words: FOOD; PRODUCT; MASS; DISTRIBUTE; COMPRISE; SHELL; FILL; OUTER; EDGE; AREA; ROLL; OPPOSED

Class Codes

International Classification (Main): A21D-013/00

(Additional/Secondary): A23G-003/00

US Classification, Issued: 426094000, 426556000, 426500000, 426501000

File Segment: CPI

DWPI Class: D13

Manual Codes (CPI/A-M): D01-B02; D03-H01K

16/5/4 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2007 The Thomson Corporation. All rts. reserv.

0009766475 - Drawing available

WPI ACC NO: 2000-053611/200004

Related WPI Acc No: 1998-193843; 1998-532192; 1999-121144; 1999-121169;

1999-190705; 1999-204853; 1999-204854; 1999-204855; 1999-312503;
1999-429754; 1999-508393; 2000-053613; 2000-087500; 2000-087503;
2000-106161; 2000-270258; 2000-328274; 2000-423518; 2000-431389;
2000-431408; 2000-578956; 2000-610539; 2000-671821; 2000-679014;
2001-060626; 2001-146867; 2001-146878; 2001-157972; 2001-159089;
2001-159300; 2001-181019; 2001-265605; 2001-342730; 2001-342996;
2001-388796; 2001-464538; 2001-624069; 2002-049370; 2002-096655;
2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;
2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;
2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;
2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;
2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
2007-108649; 2000-329000; 2007-204640

XRPX Acc No: N2000-041756

Aging food product selling method employed in quick service restaurant

Patent Assignee: WALKER ASSET MANAGEMENT LP (WALK-N); WALKER DIGITAL LLC (WALK-N)

Inventor: OTTO J; ROGERS J D; TEDESCO D E; VAN LUCHENE A S; WALKER J S

Patent Family (5 patents, 81 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1999062014	A1	19991202	WO 1998US19644	A	19980921	200004 B
AU 199894963	A	19991213	AU 199894963	A	19980921	200020 E
EP 1129420	A1	20010905	EP 1998948378	A	19980921	200151 E
			WO 1998US19644	A	19980921	
US 6298331	B1	20011002	US 1997822709	A	19970321	200160 E
			US 1997920116	A	19970826	
			US 199883483	A	19980522	
JP 2002517043	W	20020611	WO 1998US19644	A	19980921	200253 E
			JP 2000551344	A	19980921	

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 1997920116 A 19970826; US 199883483 A 19980522

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999062014	A1	EN	60	20	
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199894963	A	EN			Based on OPI patent WO 1999062014
EP 1129420	A1	EN			PCT Application WO 1998US19644
					Based on OPI patent WO 1999062014
Regional Designated States, Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6298331	B1	EN			C-I-P of application US 1997822709
					C-I-P of application US 1997920116
					C-I-P of patent US 6119099
JP 2002517043	W	JA	44		PCT Application WO 1998US19644
					Based on OPI patent WO 1999062014

Alerting Abstract WO A1

NOVELTY - An aging **complementary product** for ordered food product is selected by accessing corresponding database. The **POS** terminal then outputs an offer for the food product substitution. The response to offer is received from consumer. If response indicates an acceptance, the aging **complementary product** is offered to consumer at ordered food **rate**.

DESCRIPTION - The method further includes if the aging food product is within **predetermined** aging range. After offering **complementary food product** to consumer, the ordered food product name is replaced with **complementary food product** in the bill. The **complementary food product** is further registered as sold. An INDEPENDENT CLAIM is also included for aging food selling apparatus.

USE - In quick service restaurants.

ADVANTAGE - Reduces the cost associated with wastage of perished food products, without losing the reputation of restaurant.

DESCRIPTION OF DRAWINGS - The figure shows schematic illustration of aging food product selling apparatus.

Title Terms/Index Terms/Additional Words: FOOD; PRODUCT; SELL; METHOD; EMPLOY; QUICK; SERVICE; RESTAURANT

Class Codes

International Classification (Main): G06F-017/60

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06Q-0020/00 A I R 20060101
 G06Q-0030/00 A I R 20060101
 G06Q-0050/00 A I F R 20060101
 G07C-0015/00 A I R 20060101
 G07F-0017/32 A I R 20060101
 G07F-0005/24 A I R 20060101
 G07F-0009/02 A I R 20060101
 G07G-0001/00 A I R 20060101
 G07G-0001/12 A I R 20060101
 G07G-0005/00 A I R 20060101
 G06Q-0010/00 C I R 20060101
 G06Q-0020/00 C I R 20060101
 G06Q-0030/00 C I R 20060101
 G06Q-0050/00 C I F R 20060101
 G07C-0015/00 C I R 20060101
 G07F-0017/32 C I R 20060101
 G07F-0005/00 C I R 20060101
 G07F-0009/02 C I R 20060101
 G07G-0001/00 C I R 20060101
 G07G-0001/12 C I R 20060101
 G07G-0005/00 C I R 20060101

US Classification, Issued: 705015000, 705001000, 705016000, 705022000,
 705400000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-J05A2; T05-L01D

16/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009285121 - Drawing available

WPI ACC NO: 1999-214781/199918

Related WPI Acc No: 2002-113450

XRPX Acc No: N1999-158090

Price differential identification for generating purchase incentive coupons

Patent Assignee: CATALINA MARKETING INT INC (CATA-N)

Inventor: AL-ATRAQCHI W M; ALATRAQCHI W M; GIULIANI J; GIULIANI J A; VAN DE
 VELDE S R; VANDEVELDE S R

Patent Family (12 patents, 82 countries)

Patent			Application				
Number	Kind	Date	Number	Kind	Date	Update	
WO 1999012117	A1	19990311	WO 1998US17340	A	19980828	199918 B	
AU 199889169	A	19990322	AU 199889169	A	19980828	199931 E	
ZA 199900444	A	19990929	ZA 1999444	A	19990121	199947 NCE	
US 5974399	A	19991026	US 1997924029	A	19970829	199952 E	
LU 90350	A	19990810	WO 1998US17340	A	19980828	200027 E	
			LU 90350	A	19990210		
EP 1008090	A1	20000614	EP 1998941014	A	19980828	200033 E	
			WO 1998US17340	A	19980828		
JP 2000516753	W	20001212	WO 1998US17340	A	19980828	200101 E	
			JP 1999516868	A	19980828		
AU 728250	B	20010104	AU 199889169	A	19980828	200107 E	
BE 1012656	A3	20010206	BE 199968	A	19990202	200111 NCE	
NZ 337103	A	20010629	NZ 337103	A	19980828	200140 E	
			WO 1998US17340	A	19980828		
CA 2279236	C	20020326	CA 2279236	A	19980828	200230 E	
			WO 1998US17340	A	19980828		
US 7058591	B2	20060606	US 1997924029	A	19970829	200638 E	

US 1999286304 A 19990406

Priority Applications (no., kind, date): US 1999286304 A 19990406; BE 199968 A 19990202; ZA 1999444 A 19990121; US 1997924029 A 19970829

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999012117	A1	EN	27		
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199889169	A	EN			Based on OPI patent WO 1999012117
ZA 199900444	A	EN	26		
LU 90350	A	FR			PCT Application WO 1998US17340
					Based on OPI patent WO 1999012117
EP 1008090	A1	EN			PCT Application WO 1998US17340
					Based on OPI patent WO 1999012117
Regional Designated States, Original: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
JP 2000516753	W	JA	34		PCT Application WO 1998US17340
					Based on OPI patent WO 1999012117
AU 728250	B	EN			Previously issued patent AU 9889169
					Based on OPI patent WO 1999012117
BE 1012656	A3	FR			
NZ 337103	A	EN			PCT Application WO 1998US17340
					Based on OPI patent WO 1999012117
CA 2279236	C	EN			PCT Application WO 1998US17340
					Based on OPI patent WO 1999012117
US 7058591	B2	EN			Continuation of application US
1997924029					
					Continuation of patent US 5974399

Alerting Abstract WO A1

NOVELTY - The retailer has **point of sale terminals** (12) connected to a store controller for price data. They are also connected to an incentive computer accessing coupon data. When a consumer purchases a triggering product the incentive computer compares purchased item and price with competing item(s) and price(s) that it obtains from the store computer. Depending on the price difference and whether the purchased item was the promotion or competition, different incentive coupons are printed (16).

USE - Generating targeted coupons

ADVANTAGE - By including the relative pricing in the analysis a more targeted and relevant incentive offer can be provided to increase coupon redemption.

DESCRIPTION OF DRAWINGS - Retailer computer system

10 Store pricing computer

12 **Point of sale terminals**

22 Incentive coupon computer

24-32 Coupon analysis and generation databases.

Title Terms/Index Terms/Additional Words: PRICE; DIFFERENTIAL; IDENTIFY; GENERATE; PURCHASE; COUPON

Class Codes

International Classification (Main): G06F, G06F-151/00, G06F-017/60, G07G-001/14

(Additional/Secondary): G06F-151/00, G06F-019/00, G07G-001/12
 International Classification (+ Attributes)
 IPC + Level Value Position Status Version
 G07G-0001/14 A I F B 20060101
 US Classification, Issued: 705014000, 283056000, 705014000, 705035000

File Segment: EPI;
 DWPI Class: T01; T05
 Manual Codes (EPI/S-X): T01-J05A1; T01-J05B; T05-L

16/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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0008978262 - Drawing available
 WPI ACC NO: 1998-532192/199845
 Related WPI Acc No: 1998-193843; 1999-121144; 1999-121169; 1999-190705;
 1999-204853; 1999-204854; 1999-204855; 1999-312503; 1999-429754;
 1999-508393; 2000-053611; 2000-053613; 2000-087500; 2000-087503;
 2000-106161; 2000-270258; 2000-328274; 2000-423518; 2000-431389;
 2000-431408; 2000-578956; 2000-610539; 2000-671821; 2000-679014;
 2001-060626; 2001-146867; 2001-146878; 2001-157972; 2001-159089;
 2001-159300; 2001-181019; 2001-265605; 2001-342730; 2001-342996;
 2001-388796; 2001-464538; 2001-624069; 2002-049370; 2002-096655;
 2002-215721; 2002-237036; 2002-254256; 2002-402061; 2002-434665;
 2002-582966; 2002-607014; 2002-698146; 2003-057024; 2003-075336;
 2003-199382; 2003-265264; 2003-392435; 2003-419813; 2003-556901;
 2003-644216; 2003-656976; 2004-118327; 2004-166858; 2004-202576;
 2004-356945; 2005-037912; 2005-039819; 2005-151413; 2005-151427;
 2005-241002; 2005-424050; 2005-562762; 2005-581439; 2006-063600;
 2006-190839; 2006-432477; 2006-754246; 2006-754247; 2006-779177;
 2006-796316; 2006-796317; 2006-813045; 2007-015483; 2007-015485;
 2007-015486; 2007-032318; 2007-032319; 2007-043528; 2007-043533;
 2007-070734; 2007-070735; 2007-070736; 2007-070743; 2007-089869;
 2007-108649; 1998-437307; 1998-583541; 2000-329000; 2007-204640

XPX Acc No: N1998-415201

Supplementary product **sales processing system for point of sale terminal - has POS terminal that is connected to controller, for performing merchandise transactions and lottery transactions in accordance with received lottery information**

Patent Assignee: GALAXY DEV CORP (GALA-N); GALAXY DEV LLC (GALA-N);
 JINDAL S K (JIND-I); JORASCH J A (JORA-I); LUCHENE A S V (LUCH-I); VAN
 LUCHENE A S (VLUC-I); WALKER ASSET MANAGEMENT LP (WALK-N); WALKER
 DIGITAL LLC (WALK-N); WALKER J S (WALK-I)

Inventor: ALDERUCCI D; ALDERUCCI D A; BELBRUNO E A; JINDAL S K; JORASCH J A
 ; LUCHENE A S V; VAN LUCHENE A S; WALKER J S; VAN L A S

Patent Family (34 patents, 80 countries)

Patent		Application		Update	
Number	Kind Date	Number	Kind Date	Update	
WO 1998043149	A2 19981001	WO 1998US5787	A 19980320	199845	B
AU 199867714	A 19981020	AU 199867714	A 19980320	199909	E
US 5926796	A 19990720	US 1997841791	A 19970505	199935	E
EP 1016012	A2 20000705	EP 1998913082	A 19980320	200035	E
		WO 1998US5787	A 19980320		
CN 1253644	A 20000517	CN 1998803555	A 19980320	200041	E
US 6119099	A 20000912	US 1997822709	A 19970321	200046	E
		US 1997920116	A 19970826		
US 6223163	B1 20010424	US 1997822709	A 19970321	200125	E
		US 1997920116	A 19970826		
		US 199845084	A 19980320		

MX 199908555	A1	20000601	WO 1998US5787	A 19980320	200133	E
			MX 19998555	A 19990917		
US 6267670	B1	20010731	US 1997822709	A 19970321	200146	E
KR 2001005536	A	20010115	KR 1999708595	A 19990920	200151	E
US 20010016514	A1	20010823	US 1997822709	A 19970321	200151	E
			US 2001836409	A 20010416		
AU 738202	B	20010913	AU 199874683	A 19980424	200164	E
US 6317723	B1	20011113	US 1997841791	A 19970505	200173	E
			US 1999335644	A 19990618		
BR 199815463	A	20011106	BR 199815463	A 19980320	200175	E
			WO 1998US5787	A 19980320		
US 6334112	B1	20011225	US 1997841791	A 19970505	200206	E
			US 199872715	A 19980505		
US 6334113	B1	20011225	US 1997841791	A 19970505	200206	E
			US 199873169	A 19980505		
US 20020046121	A1	20020418	US 1997841791	A 19970505	200228	E
			US 1999335644	A 19990618		
			US 2001998760	A 20011101		
AU 200215647	A	20020411	AU 199867714	A 19980320	200237	NCE
			AU 200215647	A 20020215		
JP 2002512714	W	20020423	JP 1998545921	A 19980320	200243	E
			WO 1998US5787	A 19980320		
US 6470322	B1	20021022	US 1997841791	A 19970505	200273	E
			US 199873165	A 19980505		
US 6542874	B1	20030401	US 1997841791	A 19970505	200324	E
			US 199873082	A 19980505		
US 20030105664	A1	20030605	US 1997822709	A 19970321	200339	E
			US 1997920116	A 19970826		
			US 199845084	A 19980320		
			US 2001777297	A 20010207		
US 6582304	B2	20030624	US 1997822709	A 19970321	200343	E
			US 2001836409	A 20010416		
US 6598024	B1	20030722	US 1997822709	A 19970321	200354	E
			US 1997920116	A 19970826		
			US 1999442754	A 19991112		
US 20030220132	A1	20031127	US 1997822709	A 19970321	200378	E
			US 2001836409	A 20010416		
			US 2003424362	A 20030425		
CA 2284662	C	20040120	CA 2284662	A 19980320	200411	E
			WO 1998US5787	A 19980320		
US 20040039645	A1	20040226	US 1997822709	A 19970321	200416	E
			US 1997920116	A 19970826		
			US 199845036	A 19980320		
			US 2003642978	A 20030818		
AU 776323	B2	20040902	AU 199867714	A 19980320	200477	NCE
			AU 200215647	A 20020215		
JP 2005088891	A	20050407	JP 1998546354	A 19980424	200524	E
			JP 2004333792	A 20041117		
US 20050075935	A1	20050407	US 1997822709	A 19970321	200525	E
			US 1997920116	A 19970826		
			US 1999442754	A 19991112		
			US 2003625089	A 20030722		
CN 1086988	C	20020703	CN 1998806557	A 19980424	200526	E
US 6887153	B2	20050503	US 1997822709	A 19970321	200530	E
			US 2001836409	A 20010406		
			US 2003424362	A 20030425		
JP 2006059345	A	20060302	JP 1998545921	A 19980320	200617	E
			JP 2005230017	A 20050808		
US 7072850	B1	20060704	US 1997822709	A 19970321	200644	E
			US 1997920116	A 19970826		
			US 199845518	A 19980320		

Priority Applications (no., kind, date): US 1997822709 A 19970321; US 199744318 P 19970424; US 1997841791 A 19970505; US 199748244 P 19970602; US 1997920116 A 19970826; WO 1998US1924 A 19980204; US 199845036 A 19980320; US 199845084 A 19980320; US 199845347 A 19980320; US 199845386 A 19980320; US 199845518 A 19980320; WO 1998US5787 A 19980320; WO 1998US5787 A 19980325; US 199872715 A 19980505; US 199873082 A 19980505; US 199873165 A 19980505; US 199873169 A 19980505; US 1999335644 A 19990618; US 1999442754 A 19991112; US 2001777297 A 20010207; US 2001836409 A 20010406; US 2001836409 A 20010416; US 2001998760 A 20011101; AU 200215647 A 20020215; US 2003424362 A 20030425; US 2003625089 A 20030722; US 2003642978 A 20030818

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1998043149	A2	EN	388	77	
National Designated States, Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW					
Regional Designated States, Original: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199867714	A	EN			Based on OPI patent WO 1998043149
EP 1016012	A2	EN			PCT Application WO 1998US5787 Based on OPI patent WO 1998043149
Regional Designated States, Original: AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
US 6119099	A	EN			C-I-P of application US 1997822709
US 6223163	B1	EN			C-I-P of application US 1997822709 C-I-P of application US 1997920116
MX 199908555	A1	ES			PCT Application WO 1998US5787
US 20010016514	A1	EN			Continuation of application US 1997822709
AU 738202	B	EN			Previously issued patent AU 9874683
US 6317723	B1	EN			Based on OPI patent WO 1998047765
1997841791					Continuation of application US
BR 199815463	A	PT			Continuation of patent US 5926796 PCT Application WO 1998US5787
US 6334112	B1	EN			Based on OPI patent WO 1998043149 Division of application US 1997841791
US 6334113	B1	EN			Division of patent US 5926796 Division of application US 1997841791
US 20020046121	A1	EN			Division of patent US 5926796 Continuation of application US
1997841791					Continuation of application US
1999335644					
AU 200215647	A	EN			Division of application AU 199867714
JP 2002512714	W	JA	255		PCT Application WO 1998US5787
US 6470322	B1	EN			Based on OPI patent WO 1998043149 Division of application US 1997841791
US 6542874	B1	EN			Division of patent US 5926796 Division of application US 1997841791

US 20030105664	A1	EN		Division of patent US 5926796 C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199845084
US 6582304	B2	EN		C-I-P of patent US 6119099 Continuation of patent US 6223163 C-I-P of patent US 6267670 Continuation of application US 1997822709
US 6598024	B1	EN		Continuation of patent US 6267670 C-I-P of application US 1997822709 Continuation of application US 1997920116
US 20030220132	A1	EN		Continuation of application US 1997822709 Continuation of application US 2001836409
CA 2284662	C	EN		Continuation of patent US 6267670 Continuation of patent US 6582304 PCT Application WO 1998US5787 Based on OPI patent WO 1998043149
US 20040039645	A1	EN		C-I-P of application US 1997822709 C-I-P of application US 1997920116 Continuation of application US 199845036
AU 776323	B2	EN		C-I-P of patent US 6119099 C-I-P of patent US 6267670 Division of application AU 199867714 Previously issued patent AU 200215647
JP 2005088891	A	JA	47	Division of application JP 1998546354
US 20050075935	A1	EN		C-I-P of application US 1997822709 Continuation of application US 1997920116 Continuation of application US 1999442754
US 6887153	B2	EN		Continuation of patent US 6119099 C-I-P of patent US 6267670 Continuation of patent US 6598024 Continuation of application US 1997822709
JP 2006059345	A	JA	128	Continuation of application US 2001836409 Continuation of patent US 6267670 Continuation of patent US 6582304 Division of application JP 1998545921
US 7072850	B1	EN		C-I-P of application US 1997822709 C-I-P of application US 1997920116 C-I-P of patent US 6119099 C-I-P of patent US 6267670

Alerting Abstract WO A2

The system includes a controller with a storage device storing merchandise information. The controller receives lottery information from the lottery data processing system. A **POS** terminal is connected to the controller, for performing merchandise transactions and lottery transactions in accordance with the received lottery information. The **POS**

terminal includes a recorder for recording on a recording medium the merchandise and lottery information. The controller communicates in substantially real-time with the lottery data processing system. The storage device stores lottery information received from the lottery data processing system that includes randomly selected lottery ticket numbers.

Title Terms/Index Terms/Additional Words: SUPPLEMENTARY; PRODUCT; SALE; PROCESS; SYSTEM; **POINT** ; TERMINAL; **POS** ; CONNECT; CONTROL; PERFORMANCE; MERCHANDISE; TRANSACTION; LOTS; ACCORD; RECEIVE; INFORMATION

Class Codes

International Classification (Main): G06F-017/60, G07G-001/12

(Additional/Secondary): A63F-003/08, G07B-001/00, G07G-001/06, G07G-001/14

International Classification (+ Attributes)

IPC + Level Value Position Status Version

A63F-0003/08	A	I	F	R	20060101
B64G-0001/00	A	I		R	20060101
B64G-0001/10	A	I	F	R	20060101
B64G-0001/24	A	I		R	20060101
G06F-0019/00	A	I		R	20060101
G06Q-0010/00	A	I		R	20060101
G06Q-0020/00	A	I		R	20060101
G06Q-0030/00	A	I	L	B	20060101
G06Q-0030/00	A	I		R	20060101
G06Q-0050/00	A	I	L	B	20060101
G07B-0001/00	A	I	L	R	20060101
G07C-0015/00	A	I		R	20060101
G07C-0015/00	A	I	L	B	20060101
G07F-0017/32	A	I		R	20060101
G07F-0017/32	A	N		R	20060101
G07F-0005/24	A	I		R	20060101
G07F-0009/02	A	I		R	20060101
G07G-0001/00	A	I		R	20060101
G07G-0001/06	A	I	L	R	20060101
G07G-0001/12	A	I		R	20060101
G07G-0001/12	A	I	F	B	20060101
G07G-0001/14	A	I	L	B	20060101
G07G-0001/14	A	I		R	20060101
G07G-0005/00	A	I		R	20060101
A63F-0003/08	C	I	F	R	20060101
B64G-0001/00	C	I		R	20060101
B64G-0001/24	C	I		R	20060101
G06F-0019/00	C	I		R	20060101
G06Q-0010/00	C	I		R	20060101
G06Q-0020/00	C	I		R	20060101
G06Q-0030/00	C	I	L	B	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0050/00	C	I	L	B	20060101
G07B-0001/00	C	I	L	R	20060101
G07C-0015/00	C	I		R	20060101
G07C-0015/00	C	I	L	B	20060101
G07F-0017/32	C	I		R	20060101
G07F-0017/32	C	N		R	20060101
G07F-0005/00	C	I		R	20060101
G07F-0009/02	C	I		R	20060101
G07G-0001/00	C	I		R	20060101
G07G-0001/01	C	I	L	R	20060101
G07G-0001/12	C	I		R	20060101
G07G-0001/12	C	I	L	B	20060101
G07G-0001/14	C	I	L	B	20060101
G07G-0001/14	C	I		R	20060101

G07G-0005/00 C I R 20060101
 US Classification, Issued: 463017000, 705016000, 705014000, 463017000,
 705016000, 705016000, 705016000, 705026000, 705016000, 705010000,
 705014000, 705016000, 705017000, 705001000, 705014000, 705016000,
 705010000, 705023000, 705026000, 902022000, 463017000, 705014000,
 273269000, 902023000, 705016000, 705026000, 705023000, 705016000,
 705023000, 705016000, 705016000, 705026000, 705023000, 705016000,
 463017000, 273269000, 463025000, 705016000, 705014000, 705017000,
 705020000, 463017000, 273269000, 705014000, 705019000, 705020000,
 705021000, 705023000, 705024000

File Segment: EngPI; EPI;
 DWPI Class: T01; T05; T06; W06; P36; Q25
 Manual Codes (EPI/S-X): T01-J05A1; T01-J05B; T05-L

16/5/7 (Item 7 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0004692700 - Drawing available
 WPI ACC NO: 1989-054261/198907
Operator keyboard e.g. for point -of- sale terminal - has display on or adjacent function key for indicating information associated with key
 Patent Assignee: LOUW F J C (LOUW-I)
Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
ZA 198801964	A	19880908	ZA 19872573	A	19870409	198907 B
			ZA 19881964	A	19880318	

Priority Applications (no., kind, date): ZA 19881964 A 19880318

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
ZA 198801964	A	EN	26	15	

Alerting Abstract ZA A

A **point of sale terminal** has a keyboard with a **set** of standard numerical keys and a **set** of function keys. Respective liq. crystal displays display information to the operator relating to the function keys, information relating to amounts entered on the keyboard and information to a customer.

The operation of the keyboard, terminal and displays is controlled by a controller (22) including a CPU and memory unit. A universal asynchronous receiver-transmitter unit is arranged to communicate with an external computer.

ADVANTAGE - Keyboard **offers different** function displays various stages of a transaction, **under** software control. Keyboard is user-friendly and disposition of display next to keyboard allows operator to follow readily various stages of transaction. (Provisional basic advised week 88/49)

Title Terms/Index Terms/Additional Words: OPERATE; KEYBOARD; **POINT** ; SALE; TERMINAL; DISPLAY; ADJACENT; FUNCTION; KEY; INDICATE; INFORMATION; ASSOCIATE

Class Codes

(Additional/Secondary): G06F, G06K, G07G

EIC 3600

Dialog Search

File Segment: EPI;

DWPI Class: T04; T05; V03

Manual Codes (EPI/S-X): T04-F01; T05-L; V03-B; V03-C

JMB

02-Apr-07

Set	Items	Description
S1	43087	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	1413596	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	25264	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	1685813	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	1634860	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	1521963	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	1436414	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	61755	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	3421	S2(7N)S3
S10	35	S1(S)S9
S11	14	S10(S)S8
S12	81066	S4(10N)S5(10N)S6
S13	244	S12(S)S8
S14	37	S13(S)S1
S15	46	S11 OR S14
S16	17	S15 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)

File 348:EUROPEAN PATENTS 1978-2007/ 200708
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File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
(c) 2007 WIPO/Thomson

16/3,K/1 (Item 1 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2007 European Patent Office. All rts. reserv.

01930027

Secure transaction management**Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung****Procede et dispositif de gestion de transactions securisees**

PATENT ASSIGNEE:

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 Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)
 EP 1555591 A3 051123

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
 NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; **G06F-017/60**

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 23

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0
Total word count - documents A + B			195030

...INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

...SPECIFICATION concerns of individuals, communities, businesses, and governments. Due to its open design, VDE allows (normally **under** securely controlled circumstances) applications using technology independently created by users to be "added" to the...tracked individually by the RPC manager 732. This mechanism permits multiple instances of a specific **service** on higher throughput systems while maintaining a common interface across a spectrum of implementations. The ...

16/3,K/2 (Item 2 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

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PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)
 EP 1526472 A3 060726

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; G06F-009/46

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0001/00 A I F B 20060101 20060616 H EP

G06F-0009/46 A I L B 20060101 20050309 H EP

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total word count - document A			167604
Total word count - document B			0
Total word count - documents A + B			167604

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ...

...SPECIFICATION and extensible and singularly, or in combination (along with associated data), run as control methods **under** the VDE transaction operating environment. VDE can satisfy the requirements of widely differing electronic commerce...provides on-the-fly decryption of information at release time
 C enables a secure commercial **transaction** network
 C flexible key management features

Scalaeble

C highly scalaeble across many different platforms
 C...also in the preferred embodiment provide (either by themselves or in combination with authentication manager/ **service** communications manager 564) download response-challenge and authentication communication protocols, and may provide for certain...

16/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01869029

Systems and methods for secure transaction management and electronic rights protection**Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz****Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques**

PATENT ASSIGNEE:

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Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane,
London WC2A 1JQ, (GB)PATENT (CC, No, Kind, Date): EP 1515216 A2 050316 (Basic)
EP 1515216 A3 050323

APPLICATION (CC, No, Date): EP 2004078194 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; **G06F-017/60**

ABSTRACT WORD COUNT: 144

NOTE:

Figure number on first page: 75C

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200511	276
SPEC A	(English)	200511	167210
Total word count - document A			167486
Total word count - document B			0
Total word count - documents A + B			167486

...INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

...SPECIFICATION and extensible and singularly, or in combination (along with associated data), run as control methods **under** the VDE transaction operating environment. VDE can satisfy the requirements of widely differing electronic commerce...operating system functions" 604 can collect together and use "components" sent by different participants at **different** times. The "components" help to make the operating system 602 "scalable." Some components can change...the functions SPU 500 may perform is to validate/authenticate VDE objects 300 and other **items**. Validation/authentication often involves comparing long data strings to determine whether they compare in a...

16/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01315544

CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL
ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS DE COMMERCE

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 , DE (Nationality), (Designated only for: US)
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 (Nationality), (Designated only for: US)
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 JAECK Volker, Hinter de Muhle 31, 69226 Nubloch, DE, DE (Residence), DE
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 GNAN Werner, Industriestrasse 7, 74918 Angelbachtal, DE, DE (Residence),
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 (Residence), DE (Nationality), (Designated only for: US)
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 US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2005122078 A2 20051222 (WO 05122078)
 Application: WO 2005US19961 20050603 (PCT/WO US05019961)
 Priority Application: US 2004577453 20040604; US 2004581252 20040618; US
 2004582949 20040625; US 2005656598 20050225; US 2005669310 20050407; US

2005145464 20050603

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

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PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 216131

Main International Patent Class (v7): **G06Q-030/00**

Fulltext Availability:

Detailed Description

Detailed Description

... yard warehouse in which vehicles are loaded and
unloaded.

UnloadingPeriod Unloading period Period in which **goods** are unloaded.

UnpackingPeriod Unpacking period Period in which goods are unpacked.

PutawayPeriod Putaway period Period...

...Code 12009A, the Type term is GDT 1201 OA, the Type Name term is
Transport **Service** Level Code 1201 IA, and the Cardinality is zero or
one 12012A.

For GDT Mode...

...interface.

(ssss) FloatValue

A GDT FloatValue 13200 is a numeric value represented as a floating
point number.

An example of GDT FloatValue 13200 is.

<PropertyValue>

<FloatValue>6.02214E+23</FloatValue>

</PropertyValue>...

16/3,K/5 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

01213391

ENHANCED PARIMUTUEL WAGERING**PARI DU TYPE PARI MUTUEL AMELIORE**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200519986 A2-A3 20050303 (WO 0519986)
 Application: WO 2004US25434 20040806 (PCT/WO US2004025434)
 Priority Application: US 2003640656 20030813

Designated States:

(All protection types applied unless otherwise stated - for applications
 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
 DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
 RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
 (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
 SE SI SK TR
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 (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 182513

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

G06Q-0040/00 ...

...US

G06Q-0099/00 ...

Fulltext Availability:

Detailed Description

Detailed Description

... underlying events are distributed as follows.

D1(0) 2

VI -)*e-C1 2*(O--r) **ecr** , *4 -r *dzl

ZI 0) ZI 0)

2 2(1,)O)

2 D a22/2...as follows. First the payout for a given investment is
 computed assuming a 10 basis **point transaction** fee. This payout is
 equal to the sum of all investments less 10 basis points...money,
 however, the investor/seller incurs a net liability-equal to the digital
 option payout **less** the premium received.

In this situation, the investor/seller's net loss is the payout **less**
 the premium received for selling the option, or the notional payout less
 the premium. Selling...

16/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01056423 **Image available**

DERIVATIVES HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**PRODUITS DERIVES PRESENTANT DES RENDEMENTS AJUSTABLES BASES SUR LA DEMANDE ET ECHANGES COMMERCIAUX ASSOCIES**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200385491 A2-A3 20031016 (WO 0385491)

Application: WO 2003US7990 20030313 (PCT/WO US03007990)

Priority Application: US 2002115505 20020402

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136258

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... in Table 6. 1.1 can be derived as follows. First the payout for a
given investment is computed assuming a 10 basis **point transaction**
fee. This payout is equal to the sum of all investments **less** 10 basis
points, divided by the sum of the investments over the range of states...**16/3,K/7 (Item 4 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01051319 **Image available**

**METHOD, SYSTEM, AND PROGRAM FOR AN IMPROVED ENTERPRISE SPATIAL SYSTEM
PROCEDE, SYSTEME ET LOGICIEL POUR UN SYSTEME SPATIAL AMELIORE D'ENTREPRISE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200381388 A2-A3 20031002 (WO 0381388)
Application: WO 2003US8296 20030317 (PCT/WO US03008296)
Priority Application: US 2002364807 20020316

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 108397

Main International Patent Class (v7): **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... referenced image. When the user zooms in below the minimum zoom scale for a pyramid **level**, the data **set** from the pyramid **level** at the next **lower level** in the pyramid is used to generate the ...the enabling of editing to editable data elements or groups of editable data elements with **less** than a certain number of visible vertices to enhance performance without needing a **fixed** zoom **level** restriction. Moreover, the spatial editor provides a dynamically modifying cursor to indicate allowed operations and...which sets the viewing context for editing. hi block 3112, it is determined whether existing **items** (e.g., editable data elements or tabular data) are to be edited. If so, processing... used. In some grids, check box controls and/or radio controls may be embedded. The **check** box controls allow the user to "select" items, in order that some action may be...

16/3,K/8 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00943767 **Image available**

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION
DE CHAINE D'APPROVISIONNEMENT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277917 A1 20021003 (WO 0277917)

Application: WO 2002US8287 20020319 (PCT/WO US02008287)

Priority Application: US 2001816567 20010322; US 2001815598 20010323; US
2001816565 20010323; US 2001816488 20010323; US 2001816426 20010323; US
2001815899 20010323; US 2001816507 20010323; US 2001816422 20010323; US
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2001816424 20010323; US 2001816564 20010323; US 2001816455 20010323; US
2001816412 20010323; US 2001815590 20010323; US 2001816555 20010323; US
2001816560 20010323; US 2001816427 20010323; US 2001834600 20010413; US
2001834838 20010413; US 2001834924 20010413; US 2001834465 20010413

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 114107

...International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... plurality of stores of a supply chain in operation 2332. The data includes a first **set** of information relating to an amount of processed product distributed to the stores and a second **set** of information relating to the 1 5 sale of finished product by the stores. The...

...best support real time supply chain management, access to information on product flow at the **point** of **sale** is provided on a daily

16/3,K/9 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00943630 **Image available**

NEGOTIATING PLATFORM

PLATE-FORME DE NEGOCIATION

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277759 A2-A3 20021003 (WO 0277759)

Application: WO 2002US8293 20020320 (PCT/WO US02008293)

Priority Application: US 2001276952 20010320; US 2001279422 20010329; US
2001287004 20010430; US 2001305073 20010716; US 2001327291 20011009

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

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LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 91315

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... in levels with other ol@iecfives. As beflere, the relative importance applied to the two **point** objective is usable by the negotiator to establish a priority between objectives within any given...schemes in which a bounded deviation from an optimum solution is guaranteed. The heuristic multi- **item** deal partitioning algorithm (MR.G) is generalized to the case where instead of money (e...the cardinal4 of the vector x). Consider the $n \times n$ matrix of all pairwise combinations. **Check out** the n entries along the diagonal. Accept a new trade-off only if it...

...Each time a new trade-off is defined (say between x_i and x'_i , $i \neq j$ **check out** both entries $J_{i,j}$ and g_i). Also, for all k such that entry (i,k) is already **checked out**, **check out** entries U_k and (k,j) . Allowing inconsistent trade-offs
Here we allow tip to n ($n \dots$)

16/3,K/10 (Item 7 from file: 349).

DIALOG(R)File 349:PCT FULLTEXT

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00942062 **Image available**

DIGITAL OPTIONS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**OPTIONS NUMERIQUES COMPORTANT DES RETOURS AJUSTABLES A BASE DE DEMANDE ET BOURSE D'ECHANGE A CET EFFET**

Patent Applicant/Assignee:

LONGITUDE INC, 650 Fifth Avenue, New York, NY 10019, US, US (Residence),
US (Nationality)

Inventor(s):

LANGE Jeffrey, 3 East 84th Street, Apt. 3, New York, NY 10028, US,

Legal Representative:

WEISS Charles A (et al) (agent), Kenyon & Kenyon, One Broadway, New York, NY 10004, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200274047 A2-A3 20020926 (WO 0274047)

Application: WO 2002US7480 20020311 (PCT/WO US0207480)

Priority Application: US 2001809025 20010316

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 85860

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... includes the step of fixed point iteration. In further preferred embodiments, the step of fixed **point** iteration includes the steps of (a) selecting an equation of the set of simultaneous equations...payout per unit invested equal to (a) the total amount traded for all the states **less** the transaction fee, divided by (b) the total amount invested in the occurring state. A canonical DRF may employ a **transaction** fee which may be a fixed percentage of the total amount traded, T, although other ...multi-event DRF. In a preferred embodiment of a DBARP involving different events relating to **different** financial **products**, a DRF is employed in which returns for each contingent claim in the portfolio are ...

16/3,K/11 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2007 WIPO/Thomson. All rts. reserv.

00806392

TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE DANS UN ENVIRONNEMENT DU TYPE CHAÎNE D'APPROVISIONNEMENT RESEAUTÉE, ET PROCÉDÉ ASSOCIÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 156214

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... service providers and the manufacturers may be facilitated utilizing the network utilizing the network.

In **another** embodiment of the present invention, network assets of the service providers and the manufacturers may...Communications
 IN Intelligent Network
 IP Internet Protocol
 JPEP Joint Picture Expert Group
 LMDS Local Multi- **Point** Distribution **Service**
 MPEG Moving Picture Expert Group
 NGN Next Generation Network
 OSS Operational Support: Systems
 PCM Pulse...a transport
 mechanism to transmit data representing purchase requests between a
 proprietary browser and server **product** pair.

For example, Netscape Communications uses its Navigator/Netsite World
 Wide Web (WWW) browser...

16/3,K/12 (Item 9 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00806384

**NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND
 METHOD THEREOF**
**GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT
 DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
 (Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
 2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139030 A2 20010531 (WO 0139030)

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

Priority Application: US 99444775 19991122; US 99447621 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
 GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
 MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
 YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 171499

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... multiple inheritance make it possible for different programmers to mix
 and match characteristics of many **different** classes and create

specialized objects that can still work with related objects in predictable ways...Communications
 IN Intelligent Network
 IP Internet Protocol
 JPEP Joint Picture Expert Group
 LMDS Local Multi- **Point** Distribution **Service**
 MPEG Moving Picture Expert Group
 NGN Next Generation Network
 OSS Operational Support Systems
 PCM Pulse...

...Multi Megabit Data Service
 SSP Service Switching Point
 SONET Synchronous Optical Network
 STP Service Transfer **Point**
 TCP Transmission Control Protocol
 xDSL Generic name for Digital Subscriber Line
 (D)WDM (Dense) Wave...Customer service support provides a single point of contact that is customer focused.

This single **point** of contact provides technical expertise in resolving customer incidents, troubles and requests. Generally a three...which utilizes the 2535 GHz microwave spectrum for point to point and point to multi- **point** communications. The end users either share an antenna connected to a digital receiver which is...the same Timepoint 1 (second) value. The first telephone call will have a sequence number **set** to '0.' This value increases incrementally for each successive call which originates on the same...

16/3,K/13 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
 (Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
 TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Further, in operations 5402 and 5404, data, i.e. specifications, details, etc., relating to the **products** and services are displayed along with a comparison between different products and services. Data relating...and lastly the account is settled at a counter. In this manner, by preparing the **purchase** list to order a plurality of items one time, a time required to purchase may...

16/3,K/14 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00777020

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN AN E-COMMERCE TECHNICAL ARCHITECTURE

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 'S Gravenhage, NL, NL

(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109791 A2-A3 20010208 (WO 0109791)

Application: WO 2000US20547 20000728 (PCT/WO US0020547)

Priority Application: US 99364161 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 136396

...International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... be a tradeoff between business and security benefits, but in general,
3 5 it is **better** meet the level of authority required, not exceed it.

181

Security Integration

When designing security...

...of web server, it is important to configure that server securely. The server should be **set** to run **under** an ID which is used only by that web server, and never as root. Directory...6.0 and Microsoft Visual C+ + 6 . Ignore warning message when deselecting the Data Access **check** box.

Click on Nficrosoft Visual C+ + 6.0

Click Change Option.

De-select everything except...

16/3,K/15 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00557632 **Image available**

**METHOD AND APPARATUS FOR DEFINING ROUTING OF CUSTOMERS BETWEEN MERCHANTS
PROCEDE ET APPAREIL PERMETTANT DE DEFINIR L'ACHEMINEMENT DE CLIENTS ENTRE
DES COMMERÇANTS**

Patent Applicant/Assignee:

WALKER DIGITAL LLC,
WALKER Jay S,
VAN LUCHENE Andrew S,
TEDESCO Daniel E,
MIK Magdalena,
JORASCH James A,

Inventor(s):

WALKER Jay S,
VAN LUCHENE Andrew S,
TEDESCO Daniel E,
MIK Magdalena,
JORASCH James A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200021005 A1 20000413 (WO 0021005)

Application: WO 99US22060 19990922 (PCT/WO US9922060)

Priority Application: US 98166405 19981005

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12800

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... based on the activity rate of the outputting merchant and/or the soliciting merchant. The **activity rate** may be any **measure** of "busyness", such as the number of 0 completed transactions per time (transaction rate), the number of items purchased per period of time (item sale rate), the number of **upsells** accepted by customers per period of time (**upsell** acceptance rate), the number of customers in a store, the dollar-value of sales
 2 5
 per period of time or the number of customers in the vicinity of a **POS** terminal. The number of customers may be measured through input signals received from a sensor...

16/3,K/16 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00479655 **Image available**

METHOD AND APPARATUS FOR GENERATING A COUPON

PROCEDE ET APPAREIL DE PRODUCTION D'UN BON DE REDUCTION

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,

Inventor(s):

WALKER Jay S,

VAN LUCHENE Andrew S,

ALDERUCCI Dean,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9911007 A2 19990304

Application: WO 98US16985 19980817 (PCT/WO US9816985)

Priority Application: US 97920116 19970826; US 9876409 19980512

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
 HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
 KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI
 FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD
 TG

Publication Language: English

Fulltext Word Count: 11160

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... business in turn benefits since the transactions of registered customers can be readily tracked. The **POS** terminal can determine whether a frequent shopper card is used by actuation of keys...

...from various devices such as card readers. Use of a frequent shopper card causes the **POS** terminal to receive a frequent shopper identifier (e.g. a frequent shopper number). If a frequent shopper identifier is received, the coupon value is **set** to a higher value. Otherwise, the coupon value is **set** to a **lower** value.

Another condition is the acceptance **rate** of offers for upsells. It is particularly advantageous to provide a greater-value coupon to...

16/3,K/17 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00452685

**METHOD AND SYSTEM FOR PROCESSING SUPPLEMENTARY PRODUCT SALES AT A
POINT-OF-SALE TERMINAL
PROCEDE ET SYSTEME DE TRAITEMENT DE VENTES DE PRODUITS SUPPLEMENTAIRES A UN
TERMINAL DE POINT DE VENTE**

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,

Inventor(s):

WALKER Jay S,
VAN LUCHENE Andrew S,
JORASCH James A,
JINDAL Sanjay K,
ALDERUCCI Dean,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843149 A2 19981001

Application: WO 98US5787 19980320 (PCT/WO US9805787)

Priority Application: US 97822709 19970321; US 97841791 19970505; US
97920116 19970826; US 9845386 19980320; US 9845036 19980320; US 9845347
19980320; US 9845518 19980320; US 9845084 19980320

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 53218

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... process or never perform the supplemental process.

In one embodiment of the present invention, a **POS** terminal **measures** one or more criteria, such as an activity **rate** of a terminal, and performs a supplementary process if the criteria are **less** than **predetermined thresholds**. In another embodiment, a **POS** terminal **measures** an **activity rate** of a terminal, determines an offer **schedule** in accordance with the activity rate, and in turn provides a **supplementary product offer** in accordance with the offer I 0 schedule. The offer schedule may specify that time...the POS terminal 401 0.

The POS terminal 401 0 then determines, based on the **measured activity rate** or other criteria, whether to perform a supplementary process, such as offering an **upsell** in exchange for change due. In one embodiment, the **POS** terminal 401 0 compares the activity rate to a

predetermined threshold. Such a threshold may...6024 based on the performance rates (step 6126). Each offer may be provided at a **different offer** frequency, or even discontinued, in accordance with the calculated performance rate of that offer. As...

...to customers, and are typically provided at higher offer frequencies. Similarly, offers with low performance **rates** are typically provided at **lower** offer frequencies, or may even cease to be provided altogether.

In one embodiment, only offers having performance **rates** greater than a **predetermined** threshold continue to be provided to customers. If one or more offers cease 1 5...

Claim

... unallocated portion. 234. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...unallocated portion. 239. A method for facilitating the purchase of fractional lottery tickets using a **point** -of **sale terminal** , comprising:
determining a monetary value;
allocating a portion of each ticket of a plurality...

...portion identifiers.

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. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
the storage device...storage device. 241. A method for facilitating the purchase of fractional lottery tickets using a **point** -of **sale terminal** , comprising:
determining an amount of change due for a purchase;
determining a monetary value based...

...change due. 245. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
the storage device 176

. A method for facilitating the purchase of fractional lottery tickets using a **point** -of **sale terminal** , comprising:
receiving a ticket identifier that identifies a ticket and a portion identifier that identifies...

...the ticket. 250. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
I 0 a storage device; and
a processor connected to the storage device,
the...

...the ticket. 251. A method for facilitating the purchase of fractional lottery tickets using a **point** -of **sale terminal** , comprising:
determining a monetary value;
177
allocating at least a portion of a ticket, the...

...the ticket. 252. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
I 0 the...

...the ticket. 253. A method for facilitating the purchase of fractional lottery tickets using a **point** -of **sale terminal** , comprising:
maintaining a supply of tickets, each ticket having an unallocated portion thereof, acquiring an...predetermined threshold. 259. An apparatus for facilitating the purchase of fractional lottery tickets using a **point** of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...if the calculated sum is below a predetermined threshold. 265. A method for providing a **supplementary product** sale at a **point** -of- **sale terminal** , comprising:
receiving a purchase that includes at least one item;
determining an **upsell** based on the at least one item; and
outputting an indication of the **upsell** .
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. An apparatus for providing a **supplementary product** sale at a **point** -of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...with the program to:
receive a purchase that includes at least one item;
determine an **upsell** based on the at least one item; and
I 0 output an indication of the **upsell** . 267. A method for providing a **supplementary product** sale at a **point** -of- **sale terminal** , comprising:
receiving a purchase that includes at least one item;
1 5 determining an **upsell** based on the at least one item;
determining a rounded price for the at least one item and the **upsell** ;
and providing an offer to exchange the at least one item and the **upsell** for a rounded price.
20 268. The method of claim 267, further comprising:
...receiving a response to the offer; and
exchanging the at least one item and the **upsell** for the rounded price.
182
. An apparatus for providing a **supplementary product** sale at a **point** -of- **sale terminal** , comprising:
a storage device; and
a processor connected to the storage device,

the storage device...
 ...with the program to:
 receive a purchase that includes at least one item;
 determine an **upsell** based on the at least one item;
 I 0 determine a rounded price for the at least one item and the **upsell** ;
 and provide an offer to exchange the at least one item and the **upsell**
 for a rounded price. 270. The apparatus of claim 269, in which the
 processor is...

...receive a response to the offer; and
 exchange the at least one item and the **upsell** for the rounded price.
 271. A method for providing a **supplementary product** sale at a **point**
 -of- **sale** terminal,
 comprising:
 receiving a purchase that includes at least one item;
 determining a record in a database that corresponds to the at least one
 item.,
 determining an **upsell** based on the record; and
 outputting an indication of the **upsell** .

183

. The method of claim 27 1, further comprising:
 determining a rounded price for the at least one item and the **upsell** . 5
 27'). The method of claim 272, in which the step of determining a
 rounded...

...of determining a rounded price
 comprises:
 determining a purchase price of the purchase;
 determining an **upsell** price based on the record; and
 adding the purchase price to the **upsell** price, thereby generating the
 rounded price.
 276. The method of claim 272, further comprising:
 setting...

...the database that each correspond to the at least
 one item;
 determining a plurality of **upsells** , each **upsell** based on a record of
 the plurality of
 records; and
 outputting an indication of at least one **upsell** of the plurality of
upsells . 278. An apparatus for providing a **supplementary product**
 sale at a **point -of- sale terminal** ,
 comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device an **upsell** based on the record; and
 output an indication of the **upsell** . 20 279. The apparatus of claim 278,
 in which the processor is further operative with the
 program to:

determine a rounded price for the at least one item and the **upsell** .

185

. The apparatus of claim 279, in which the processor is further operative
 with the...

...with the
 program to:
 determine a purchase price of the purchase;
 1 5 determine an **upsell** price based on the record; and
 add the purchase price to the **upsell** price, thereby generating the
 rounded price. 283. The apparatus of claim 279, in which the...

...the database that each correspond to the at least one item;
 determine a plurality of **upsells**, each **upsell** based on a record of the plurality of records; and
 output an indication of at least one **upsell** of the plurality of **upsells**. 285. A method for controlling the performance of a supplementary process at a **point** -of- **sale terminal**, comprising:
 measuring an activity rate of a **point** -of- **sale terminal**; and
 performing a supplementary process in accordance with the activity rate.
 286. The method of...

...a supplementary process comprises:
 enabling a system for providing a supplementary process if the activity **rate** is **less** than a **predetermined threshold**.
 288. The method of claim 285, further comprising:
 determining a **predetermined threshold** in dependence on a signal indicative of time of day. 289. An apparatus for controlling the performance of a supplementary process at a **point** of- **sale terminal**, comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device...

...a program for controlling the processor; and
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 the processor operative with the program to:
measure an **activity rate** of a **point** -of- **sale terminal**; and
 perform a supplementary process in accordance with the activity rate.
 290. The apparatus of...with the
 program to:
 enable a system for providing a supplementary process if the activity **rate** is **less** than a **predetermined threshold**. 292. The apparatus of claim 289, in which the processor is further operative to: determine a **predetermined threshold** in dependence on a signal indicative of time of day. 293. A method for controlling the performance of a supplementary process at a **point** -of- **sale terminal**, comprising:
 measuring an activity rate of a **point** -of- **sale terminal**;
 providing a **supplementary product offer** in accordance with the activity rate and an offer schedule. 294. The method of claim 293, in which the offer schedule comprises a set of **supplementary product offers**, each **supplementary product offer** corresponding to a predetermined range of activity rates. 295. The method of claim 294, in which successively time-consuming **supplementary product offers** correspond to successively greater ranges of activity rates.
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. An apparatus for controlling the performance of a supplementary process at a **point** of- **sale terminal**, comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device storing a program for controlling the processor; and
 the processor operative with the program to:
measure an **activity rate** of a **point** -of- **sale terminal**; and
 provide a **supplementary product offer** in accordance with the activity rate and an offer schedule.

1 0

297. The apparatus of claim 296, in which the offer schedule comprises a set of **supplementary product offers**, each **supplementary product offer** corresponding to a predetermined range of activity rates. 1 5

298. The apparatus of claim 297, in which successively time-consuming **supplementary product offers** correspond to successively greater ranges of activity rates. 299. A method for controlling the performance of a supplementary process at a **point -of**

sale terminal, comprising:

measuring a criterion;

determining, based on the criterion, whether to disable a system for...

...supplementary process. 300. An apparatus for controlling the performance of a supplementary process at a **point**

of- **sale terminal**, comprising:

a storage device-, and

a processor connected to the storage device, the storage device...

...supplementary process. 301. A method for controlling the performance of a supplementary process at a **point -of**

sale terminal, comprising:

measuring a criterion;

determining, based on the criterion, whether to enable a system for...

...supplementary process. 302. An apparatus for controlling the performance of a supplementary process at a **point**

of- **sale terminal**, comprising:

a storage device; and

1 5 a processor connected to the storage device, the...supplementary

process. 303. A method for controlling the performance of a supplementary process at a **point -of**

sale terminal, comprising:

measuring an activity rate of a plurality of **point -of- sale terminals**

;

determining, based on the activity rate, whether to perform a supplementary process;

and

performing the supplementary process for at least one **point -of- sale**

terminal. 304. The method of claim 30', in which the step of

performing the supplementary process

comprises:

performing the supplementary process for each **point -of- sale terminal**

.

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. An apparatus for controlling the performance of a supplementary process at a **point**

of- **sale terminal**, comprising:

a storage device; and

a processor connected to the storage device,

the storage device storing a program for controlling the processor; and

the processor operative with the program to:

measure an activity rate of a plurality of **point -of- sale terminals**;

determine, based on the activity rate, whether to perform a supplementary IO process; and

perform the supplementary process for at least one **point -of- sale**

terminal. 306. The apparatus of claim 305, in which the processor is

further operative with the

program to:

1 5 perform the supplementary process for each **point -of- sale**

terminal . 307. A method for controlling the performance of a supplementary process at a **point -of sale terminal** , comprising:
 measuring an activity rate of a plurality of **point -of- sale terminals** ;
 determining, based on the activity rate, whether to disable a system for providing a supplementary...

...and
 disabling a system for providing a supplementary process for each of a plurality of **point -of- sale terminals** . 308. An apparatus for controlling the performance of a supplementary process at a **point of- sale terminal** , comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device storing a program for controlling the processor; and
 the processor operative with the program to:
measure an activity rate of a plurality of **point -of- sale terminals** ;
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 determine. based on the activity rate, whether to disable a system for providing a...

...and
 disable a system for providing a supplementary process for each of a plurality of **point -of- sale terminals** . 309. A method for controlling the performance of a supplementary process at a **point -of sale terminal** , comprising:
 measuring an activity **rate** of a **point -of- sale terminal** ; and
 if the activity **rate** is **less** than a **predetermined threshold** ,
 I 0 determining an **upsell** in dependence on a purchase,
 determining an **upsell** price in dependence on the purchase, and
 offering to exchange the **upsell** price for the **upsell** . 310. An apparatus for controlling the performance of a supplementary process at a **point of- sale terminal** , comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device storing a program for controlling the processor; and
 the processor operative with the program to:
measure an activity rate of a **point -of- sale terminal** ; and
 if the activity **rate** is **less** than a **predetermined threshold** ,
 determine an **upsell** in dependence on a purchase,
 determine an **upsell** price in dependence on the purchase, and
 offer to exchange the **upsell** price for the **upsell** . 311. A method for controlling the performance of a supplementary process at a **point -of sale terminal** , comprising:
 receiving an override signal; and
 performing a supplementary process in accordance with the override...

...supplemental process. 314. An apparatus for controlling the performance of a supplementary process at a **point of- sale terminal** , comprising:
 I 0 a storage device; and
 a processor connected to the storage device,
 the...

...supplemental process. 317. A method for controlling the performance of a supplementary process at a **point -of**

sale terminal , comprising:
 receiving an override signal; and
 if the override signal indicates performance of a supplemental process,
 determining an **upsell** in dependence on a purchase,
 determining an **upsell** price in dependence on the purchase. and
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 offering to exchange the **upsell** price for the **upsell** . 318. An
 apparatus for controlling the performance of a supplementary process at a
point
 of- **sale terminal** , comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device...

...and
 I 0 if the override signal indicates performance of a supplemental
 process,
 determine an **upsell** in dependence on a purchase,
 determine an **upsell** price in dependence on the purchase, and
 offer to exchange the **upsell** price for the **upsell** . 319. A method for
 controlling the performance of a supplementary process at a **point** -of-
sale terminal , comprising:
 measuring an activity rate of a **point** -of- **sale terminal** ; and
 if the activity rate is below a first predetermined threshold, offering a
 first **upsell**
 having an first offer speed; and
 if the activity rate is above a second predetermined threshold, offering
 a second **upsell** having a second offer speed greater than the ...offer
 speed. 320. An apparatus for controlling the performance of a
 supplementary process at a **point**
 of- **sale terminal** , comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device storing a program for controlling the processor; and
 the processor operative with the program to:
measure an **activity rate** of a **point** -of- **sale terminal** ; and
 if the activity rate is below a first predetermined threshold,
 offer a first **upsell** having an first offer speed; and
 if the activity rate is above a second predetermined threshold,
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 offer a second **upsell** having a second offer speed greater than the
 first
 offer speed. 321. A method for processing a **supplementary product**
 sale at a **point** -of- **sale terminal** ,
 comprising:
 receiving a rounding code; and
 rounding a purchase price based on the rounding code. 322. An apparatus
 for processing a **supplementary product** sale at a **point** -of- **sale**
terminal ,
 I 0 comprising:
 a storage device; and
 a processor connected to the storage device,
 the...

...round a purchase price based on the rounding code. 323. A method for
 processing a **supplementary product** sale at a **point** -of- **sale**
terminal ,
 comprising:
 receiving a rounding code, the rounding code having a corresponding
 rounding

multiple; and
rounding a purchase price based on the rounding multiple.
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. An apparatus for processing a **supplementary product** sale at a **point -of- sale terminal**, comprising:
a storage device; and
a processor connected to the storage device,
the...

...round a purchase price based on the rounding multiple. 325. A method for processing a **supplementary product** sale at a **point -of- sale terminal**, comprising:
receiving a rounding code;
determining a rounding multiple corresponding to the rounding code; and
rounding a purchase price based on the rounding multiple. 326. An apparatus for processing a **supplementary product** sale at a **point -of- sale terminal**, comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...round a purchase price based on the rounding multiple. 327. A method for processing a **supplementary product** sale at a **point -of- sale terminal**, comprising:
receiving a plurality of rounding codes, each rounding code having a corresponding rounding multiple...the rounding multiple of each rounding code are equal. 336. An apparatus for processing a **supplementary product** sale at a **point -of- sale terminal**, comprising:
a storage device; and
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a processor connected to the storage device,
the storage...rounding code are equal. 345. A method for controlling offers that are provided at a **point -of- sale terminal**, comprising:
providing a plurality of offers at a **point -of- sale terminal**;
measuring a performance rate of each offer, thereby defining a plurality of performance rates;
selecting...

...one of the plurality of performance rates; and
providing the subset of offers at a **point -of- sale terminal**. 346. The method of claim 345, in which the step of providing a plurality of...

...a plurality of terminals.
348. The method of claim 345, further comprising:
measuring a performance **rate** of the subset; and
if the performance **rate** of the subset is **less** than a **predetermined threshold**,
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providing the plurality of offers after the step of providing the subset of offers...

...of highest-performing offers. 351. An apparatus for controlling offers

that are provided at a **point -of- sale terminal** ,
comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...5 the processor operative with the program to:
provide a plurality of offers at a **point -of- sale terminal** ;
measure a performance rate of each offer, thereby defining a plurality of
performance rates;
select...

...one of the plurality of performance
rates; and
provide the subset of offers at a **point -of- sale terminal** . 352. The
apparatus of claim 3 5 1, in which the processor is further operative...

...which the processor is further operative with the
program to:
I 0 measure a performance **rate** of the subset; and
if the performance **rate** of the subset is **less** than a **predetermined
threshold** , provide the plurality of offers after a provision of the
subset of offers. 355. The...

...of highest-performing offers. 357. A method for controlling offers that
are provided at a **point -of- sale terminal** ,
comprising:
providing a first offer at a **point -of- sale terminal** ;
measuring a performance rate of the first offer; and
if the performance rate of the first offer is below a predetermined
threshold,
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providing a second offer at a **point -of- sale terminal** . 358. An
apparatus for controlling offers that are provided at a **point -of- sale
terminal** ,
comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...processor; and
the processor operative with the program to:
provide a first offer at a **point -of- sale terminal** ;
I 0 measure a performance rate of the first offer; and
if the performance rate...

...the first offer is below a predetem-iined threshold, provide a second
offer at a **point -of- sale terminal** . 359. A method for controlling
offers that are provided at a **point -of- sale terminal** ,
comprising:
1 5 providing a first offer at a first **point -of- sale terminal** ;
providing a second offer at a second **point -of- sale terminal** ;
measuring a performance rate of the first offer;
measuring a performance rate of the second...

...than the performance rate of the
first offer,
providing the first offer at the second **point -of- sale terminal** .
360. An apparatus for controlling offers that are provided at a **point
-of- sale terminal** .

comprising:
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 a storage device; and
 a processor connected to the storage device,
 the storage...

...and
 the processor operative with the program to:
 provide a first offer at a first **point -of- sale terminal** ;
 provide a second offer at a second **point -of- sale terminal** ;
 measure a ...the performance rate of the
 IO first offer,
 provide the first offer at the second **point -of- sale terminal** . 361.
 A method for controlling offers that are provided at a **point -of- sale terminal** ,
 comprising:
 1 5 for each of a plurality of purchases,
 determining an **upsell** in dependence on the purchase,
 determining an **upsell** price, each **upsell** price being based on a
 purchase, and
 offering to exchange the **upsell** price for the **upsell** ;
 measuring a performance rate of each **upsell** , thereby defining a
 plurality of
 performance rates;
 selecting a subset of **upsells** based on at least one of the plurality of
 performance
 rates; and
 providing the subset of **upsells** at a **point -of- sale terminal** .
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 . An apparatus for controlling offers that are provided at a **point -of- sale terminal** .
 comprising:
 a storage device; and
 a processor connected to the storage device,
 the storage device...

...processor operative with the program to, for each of a plurality of
 purchases:
 determine an **upsell** in dependence on the purchase,
 determine an **upsell** price, each **upsell** price being based on a
 purchase, and
 offer to exchange the **upsell** price for the **upsell** ;
 I 0 measure a performance rate of each **upsell** , thereby defining a
 plurality of
 performance rates;
 select a subset of **upsells** based on at least one of the plurality of
 performance
 rates; and
 provide the subset of **upsells** at a **point -of- sale terminal** . 363. A
 method for determining an **upsell** of a purchase at a **point -of- sale terminal** ,
 comprising:
 determining an **upsell** in dependence on the purchase; and
 offering to exchange the **upsell** price for the **upsell** . 364. An
 apparatus for determining an **upsell** of a purchase at a **point -of- sale terminal** ,
 comprising:
 a storage device; and
 a processor connected to the storage device,
 206

the storage...

...program for controlling the processor; and the processor operative with the

program to:

determine an **upsell** in dependence on the purchase; and offer to exchange the **upsell** price for the **upsell** . 365. A method for determining an **upsell** of a purchase at a **point -of- sale terminal** , comprising:

generating a purchase price of the **upsell** ;

determining an **upsell** price in dependence on the purchase price; and

offering to exchange the **upsell** for the **upsell** price. 366. An apparatus for determining an **upsell** of a purchase at a **point -of- sale terminal** ,

comprising:

1 5 a storage device; and

a processor connected to the storage device,

the...

...processor; and the processor operative with the

program to:

generate a purchase price of the **upsell** ;

determine an **upsell** price in dependence on the purchase price; and

offer to exchange the **upsell** for the **upsell** price.

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. A method for determining an **upsell** of a purchase at a **point -of- sale terminal** ,

comprising:

generating a purchase price of the purchase;

generating a rounded price;

calculating a round...

...up amount being a difference between the

purchase price and the rounded price;

determining an **upsell** in dependence on the round-up amount; and

outputting a signal indicative of the **upsell** . 368. An apparatus for determining an **upsell** of a purchase at a **point -of- sale terminal** , comprising:

a storage device; and

a processor connected to the storage device,

the storage device...

...amount being a difference between the

20 purchase price and the rounded price;

determine an **upsell** in dependence on the round-up amount; and

output a signal indicative of the **upsell** .

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. A method for determining an **upsell** of a purchase at a **point -of - sale terminal** .

comprising:

generating a purchase price of a purchase;

generating a rounded price;

calculating a round...

...up amount being a difference between the

purchase price and the rounded price;

determining an **upsell** in dependence on the round up amount; and

offering to exchange the round-up amount for the **upsell** . 370. An apparatus for determining an **upsell** of a purchase at a **point -of - sale terminal** ,

comprising:
a storage device; and
a processor connected to the storage device,
the storage device...

...up amount being a difference between the
purchase price and the rounded price;
determine an **upsell** in dependence on the round up amount; and
offer to exchange the round-up amount for the **upsell** .

Set	Items	Description
S1	26636	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	7342826	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	9202	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	2619122	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	2405393	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	3407958	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	2936065	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	20704	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	82	S1 AND S8
S10	0	S9 AND S3
S11	96287	S4(S)S5(S)S6
S12	2	S9 AND S11
S13	2	RD (unique items)
File	2:INSPEC	1898-2007/Mar W3 (c) 2007 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2007/Mar (c) 2007 ProQuest Info&Learning
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File	475:Wall Street Journal Abs	1973-2007/Mar 31 (c) 2007 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group

13/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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07226459 INSPEC Abstract Number: B1999-05-2530D-037

Title: Diffusion barrier properties of the TiN films prepared by ECR PECVD method

Author(s): Park, H.-L.; Jang, S.-S.; Lee, W.-J.

Author Affiliation: Dept. of Mater. Sci & Eng., Korea Adv. Energy Res. Inst., Taejeon, South Korea

Conference Title: Advanced Interconnects and Contact Materials and Processes for Future Integrated Circuits. Symposium p.409

Editor(s): Murarka, S.P.; Eizenberg, M.; Fraser, D.B.; Madar, R.; Tung, R.

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Conference Title: Advanced Interconnects and Contact Materials and Processes for Future Integrated Circuits. Symposium

Conference Date: 13-16 April 1998 Conference Location: San Francisco, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Experimental (X)

Abstract: Summary form only **given**. TiN film is used as a diffusion barrier layer in contact and via holes in the metallization process of microelectronics. In most cases, TiN film is prepared by sputtering, which has limited conformality. With the shrinkage in device dimensions, there has been an urgent need for new deposition methods which **offer better** conformality. Recently, modified PVD systems such as highly ionized sputtering systems and CVD systems such as MOCVD and PECVD systems have been developed. We prepared TiN films with TiC/sub 4/, N/sub 2/, and H/sub 2/ in an **ECR** PECVD system. TiN films prepared at a temperature of 450 degrees C had resistivity **lower** than 50 mu Omega cm and better step coverage than those prepared by PVD systems. The barrier properties of these TiN films against Cu were investigated and related to film properties like composition and microstructure. The Cu-TiN-Si structures were annealed in an H/sub 2/-Ar atmosphere for 30 min in a temperature range from 500 to 600 degrees C. Plasma treatment and thermal treatment during and/or after deposition in various atmospheres were adopted to change the composition and microstructure of the TiN films. The film composition was analyzed with AES, the film microstructure was observed with SEM and film crystallinity was analyzed with XRD. The electrical resistivity was measured by the four-**point** probe method. The barrier properties of the films were studied against Cu metallization. The change in Cu-TiN-Si resistivity and structure were investigated after heat treatment. (0 Refs)

Subfile: B

Descriptors: annealing; Auger electron spectra; chemical interdiffusion; crystal microstructure; crystal structure; diffusion barriers; electrical resistivity; heat treatment; integrated circuit interconnections; integrated circuit metallisation; integrated circuit reliability; integrated circuit testing; plasma CVD; plasma materials processing; scanning electron microscopy; surface treatment; titanium compounds; X-ray diffraction

Identifiers: diffusion barrier properties; TiN films; **ECR** PECVD; TiN film diffusion barrier layer; via holes; contact holes; metallization process; microelectronics; device dimensions; deposition methods; conformality; modified PVD systems; ionized sputtering systems; PECVD; MOCVD; CVD systems; TiC/sub 4/-N/sub 2/-H/sub 2/ gas mixture; **ECR** PECVD system; CVD temperature; resistivity; barrier properties; film properties; film composition; film microstructure; Cu-TiN-Si structures; annealing;

H/sub 2/-Ar anneal atmosphere; anneal temperature; plasma treatment; thermal treatment; AES; SEM; film crystallinity; XRD; electrical resistivity; four-point probe method; Cu metallization; Cu-TiN-Si resistivity; Cu-TiN-Si structure; heat treatment; 450 C; 50 muohmcm; 30 min ; 500 to 600 C; TiN; Cu-TiN-Si; Si; TiC/sub 4/-N/sub 2/-H/sub 2/; H/sub 2/-Ar

Class Codes: B2530D (Semiconductor-metal interfaces); B2550F (Metallisation and interconnection technology); B0170N (Reliability); B2570A (Semiconductor integrated circuit design, layout, modelling and testing); B0520F (Chemical vapour deposition); B2550E (Surface treatment (semiconductor technology))

Chemical Indexing:

TiN sur - Ti sur - N sur - TiN bin - Ti bin - N bin (Elements - 2)
 Cu-TiN-Si int - TiN int - Cu int - Si int - Ti int - N int - TiN bin - Ti bin - N bin - Cu el - Si el (Elements - 1,2,1,4)
 Si sur - Si el (Elements - 1)
 TiC4N2H2 ss - C4 ss - H2 ss - N2 ss - Ti ss - C ss - H ss - N ss (Elements - 4)
 H2Ar bin - Ar bin - H2 bin - H bin (Elements - 2)
 Numerical Indexing: temperature 7.23E+02 K; electrical resistivity 5.0E-07 ohmm; time 1.8E+03 s; temperature 7.73E+02 to 8.73E+02 K
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13/5/2 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09284048

Tarjeta de la familia requerira scanner

PUERTO RICO: EQUIPMENT TO CONTROL THE PAN
 El Nuevo Dia (AXI) 05 May 2000 Online
 Language: SPANISH

The economic assistance program, PAN, of Puerto Rico will require the use of scanners, besides the **point** of **sales** electronic device, **POS**. At the moment, the PAN is not fully extended (only 21 communities and 130,000 beneficiaries) throughout the country, but by October 2000 it will be covering the entire island. The equipment, scanners and **POS**, will be used in order to keep the PAN **under** control and to avoid improper use of the benefits **given** by the Tarjeta de la Familia. The importance of the Tarjeta de la Familia relies on its use must be mostly to buy food. Among the formulas studied by the authority, the department of treasure, there is one, which states 75-25, where 75% will be directed for food consumption and 25% for **another products**. Although the electronic devices are expensive US\$ 3,000 for the **POS** and US\$ 10,000 for the scanner, the owners of grocery stores need to acquire the equipment otherwise they will not be granted the certification to operate in the program. *

PRODUCT: Food & Drink (2000);

EVENT: Government Regulations (93); Social Theory (99);

COUNTRY: Puerto Rico (3PUE);

Set	Items	Description
S1	298715	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	10955979	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	70868	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	12444701	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	10003786	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	11910906	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	12700891	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	271731	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	4865	S1(4S)S8
S10	30	S9(S)S3
S11	27051	S4(5N)S5(5N)S6
S12	14	S9(4S)S11
S13	42	S10 OR S12
S14	0	S13 NOT PY>1998
S15	8867	S1 AND S8
S16	148	S15 AND S3
S17	17	S9 AND S11
S18	163	S16 OR S17
S19	1	S18 NOT PY>1998

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19/3,K/1

DIALOG(R)File 20:Dialog Global Reporter
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02597268 (USE FORMAT 7 OR 9 FOR FULLTEXT)

FOCUS: Retail trade sector faces inevitable liberalization

CRIS V. PARASO

BUSINESSWORLD (PHILIPPINES)

August 24, 1998

JOURNAL CODE: FBWP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1304

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ultimately benefit the consumer who can now choose from a wider array of cheaper and **better** quality **items** ; and the situation would force local businesses to capitalize on comparative advantages.

"What is wrong...

... from small-time activities such as retailing through mobile or rolling stores or carts, multi- **level** **selling** and door-to-door selling.

On the other hand, the Lower House version, under House...about \$40,000 (P1.6 million), which would cover the cost of installing carpet, shelves, **cash** **register** , display cases, lights, glass doors and a view window, among others.

"Nobody will come in...

Set	Items	Description
S1	298715	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	10955979	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	70868	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	12444701	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	10003786	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	11910906	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	12700891	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	271731	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	4865	S1(4S)S8
S10	30	S9(S)S3
S11	27051	S4(5N)S5(5N)S6
S12	14	S9(4S)S11
S13	42	S10 OR S12
S14	0	S13 NOT PY>1998
S15	8867	S1 AND S8
S16	148	S15 AND S3
S17	17	S9 AND S11
S18	163	S16 OR S17
S19	1	S18 NOT PY>1998
S20	306564	S4(S)S5(S)S6
S21	667	S9(4S)S20
S22	6	S21 NOT PY>1998
S23	6	RD (unique items)

File 20:Dialog Global Reporter 1997-2007/Apr 02
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23/3,K/1

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

03315114

BIG BANG / Japanese likely to seek foreign investment expertise

YOMIURI SHIMBUN/DAILY YOMIURI

November 03, 1998

JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1389

... Fidelity Investments? Our view is that, historically, Japanese institutions have approached financial services from the **point** of view of "what is right for our business. Our belief is that you need to approach the...

23/3,K/2

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

03075517

Paradyne Showcases New Releases of FrameSaver SLV Products and Hotwire System at NetWorld + Interop Fall '98

BUSINESS WIRE

October 12, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1376

... virtual pressroom at [www.paradyne.com/news n events/pressroom/](http://www.paradyne.com/news%20events/pressroom/) for product images and/or **additional** information. **Product** availability and pricing subject to change without notification. (a) IDC "Trends in the Digital Access...

23/3,K/3

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

02922904

Rotonics Manufacturing Inc. Announces Fiscal Year-End Earnings

BUSINESS WIRE

September 25, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 526

...of-purchase display and residential use, as well as a vast array of custom molded **products**. For **additional** information about the company and its product lines, visit the company's Web site at...

...942,800) (934,500) Net income (a) 417,200 1,441,800 1,472,700 **Less** preferred dividends -- -- (62,000) Net income applicable to common shares \$ 417,200 \$ 1,441,800...

23/3,K/4

DIALOG(R)File 20:Dialog Global Reporter
(c) 2007 Dialog. All rts. reserv.

02899642

**Slm Software And Bankline Merge To Achieve Major Position In U.S. Market
For Electronic Financial Services Solutions**

CANADA NEWSWIRE

September 23, 1998

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 890

... a strong ``distribution'' acquisition that would give us the established channels and brand recognition to **cross - sell** our solutions. Bankline offered the perfect fit, sharing a common corporate vision and operating within...

...for long-term growth and leadership, and will consolidate SLM's existing U.S. offices **under** this expanded U.S. umbrella. This US\$20 million transaction will comprise US\$8.6...

... SLM Software took an early lead in the electronic financial revolution. Its open systems technology **set** the standard for on-line transaction management, enabling true hardware, database and protocol independence. SLM ...

... powering end-to-end electronic commerce solutions from credit and debit cards, smart cards, ATMs, **point -of- sale terminals**, in-branch services, Internet, telephone and PC banking systems to wealth management and integrated, on...

23/3,K/5

DIALOG(R)File 20:Dialog Global Reporter

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02833931

IFS International Continues Growth and Announces Organizational Changes

PR NEWSWIRE

September 16, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 788

... teller machine (ATM), point-of-sale (POS) and voice authorization technologies. NCI International, Inc. adds **complementary products** including NCI Business Centre(TM), an enterprise-wide retail banking solution designed to automate all...

23/3,K/6

DIALOG(R)File 20:Dialog Global Reporter

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01718471

Investor Features Syndicate: Free Content From All-Star -6-

PR NEWSWIRE

May 18, 1998 1:3

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1600

... are hemorrhagic shock, myocardial infarction, flares of multiple sclerosis and episodes of ischemic stroke. Additionally, **another product** candidate is being evaluated in a Phase I trial of patients with severe psoriasis. This...

Set	Items	Description
S1	171588	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?-(W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	4641922	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	45669	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	5043097	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT"() (RE-ACH OR MEET)
S5	3151487	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	5157594	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	5845753	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S-WITCH??? OR UPGRAD???
S8	200616	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (-1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	1307	S2(7N)S3
S10	26337	S4(7N)S5(7N)S6
S11	4217	S1(4S)S8
S12	1	S11(4S)S9
S13	30	S11(4S)S3
S14	6	S11(4S)S10
S15	30	S11 AND S10
S16	59	S13 OR S15
S17	21	S16 NOT PY>1998
S18	21	RD (unique items)
File	15:ABI/Inform(R)	1971-2007/Apr 02 (c) 2007 ProQuest Info&Learning
File	610:Business Wire	1999-2007/Apr 02 (c) 2007 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2007/Apr 01 (c) 2007 Financial Times Ltd
File	613:PR Newswire	1999-2007/Apr 02 (c) 2007 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2007/Mar 29 (c) 2007 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2007/Apr 02 (c) 2007 McGraw-Hill Co. Inc

18/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01429783 00-80770

Hedging servicing comes of age

England, Robert Stowe
Mortgage Banking v57n8 PP: 42-48 May 1997
ISSN: 0730-0212 JRNL CODE: MOB
WORD COUNT: 5250

...TEXT: divided by the frequency of payments made during a 12-month period.

Frequently mortgage bankers **set** the strike **point** about 50 basis points "out of the money," meaning 50 basis points **lower** than current rates. Thus, if the current rate is 6.62 percent, a mortgage servicer...GMAC "has not started using mortgage-related hedges," Schott says. While the mortgage-based hedges **offer better** protection, so far the case for buying **POs**, leveraged **POs** or PO swaps has not been compelling, he says.

GMAC looks for instruments that are...

...Mel Steele, senior vice president of secondary marketing. Currently, CMT floors are more attractive than **POs**, "but the market may shift," says Steele.

PNC does a weekly assessment of its hedges...

18/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01233324 98-82719

Will the Korean stock market regain the momentum?

Myung-Guk, Doh
Business Korea v13n5 PP: 60-62 May 1996
JRNL CODE: BKO
WORD COUNT: 1469

...TEXT: 87, March 13, was a bottom.

With the composite stock price index approaching the 950- **point level**, **selling** pressure has become stronger, raising the possibility that the Seoul bourse may pause before challenging the landmark 1,000 point mark.

Institutional investors are expected to step **up selling** in their bids to raise funds for the possible arrival of a bull market. Market...

18/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01216577 98-65972

Sliver turns to slice

Stankevich, Debby Garbato
Discount Merchandiser v36n5 PP: 100-104+ May 1996
ISSN: 0012-3579 JRNL CODE: DMD

WORD COUNT: 2767

...TEXT: similar with T-Fal's small appliances."

T-Fal itself is augmenting retailers' displays with **point -of- purchase** literature as well as overhead signage that describes its Resistal nonstick technology, says Xavier Sabourin...

...and pans.

"It seems silly, but it's true," says Sabourin. "While mass is doing **better product** displays than before, something as simple as clean packaging that isn't open or torn...

...here to stay."

The upscale mass market may also hold some untapped opportunities: Case in **point**, there is no eight-piece, mass-directed stain **less** steel **set** retailing for around \$100; everything out there is being done in some form of aluminum...

18/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01157649 98-07044

Household '96

Wheeler, Richard

Insurance Brokers Monthly & Insurance Adviser v46n1 PP: 8-13 Jan 1996

ISSN: 0260-2385 JRNL CODE: IBA

WORD COUNT: 2159

...TEXT: going the same way as motor -- that is increasingly system price-driven with more sophisticated **lower - level** and lifestyle rating", says Don Williams of Zurich. Rating is **set** to become increasingly complex through lifestyle and attitudinal rating, with frequent product rate changes, agrees...an organisation that may be fully competent with private car from absorbing household as an **additional product**. Many agree that household has played "second fiddle" to motor over the years (if not...

...quotation product and new generic household EDI technology for both buildings and contents, with full **point of sale** documentation including proposals and schedules. The software house is also working very closely with Polaris...

18/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01142196 97-91590

Price discrimination using in-store merchandising

Dhar, Sanjay K; Hoch, Stephen J

Journal of Marketing v60n1 PP: 17-30 Jan 1996

ISSN: 0022-2429 JRNL CODE: JMK

WORD COUNT: 10167

...TEXT: 3, we plot the unit sales for the promoted brand and the category at optimal **levels** of discount; the corresponding profit **levels** are plotted in Figure 4. Assuming that for any **given level** of trade deal,

the manufacturer would rather have the retailer sell more than **less**, the manufacturer also is strictly better off when retailers promote at optimal levels with in...needing to conduct price integrity audit checks to ensure that the tag prices match the **point** -of- **sale** scan prices. Most stores also offer scan-guarantees, which also lead to additional costs for...

...be affected.

7 An alternative nonparametric procedure the retailer could use would be to experimentally **offer different** discounts for a given trade deal. The category profits obtained as the discount level is...

...recent increase in use, even in-store coupons directly offered by the manufacturer at the **point** of **purchase** are not as widely used as bonus buys.

REFERENCES

Abraham, Majid M. and Leonard M...

18/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01119838 97-69232

Retailing review

Janiszewski, Chris; Akhter, Syed H; Andrews, J Craig; Durvasula, Srinivas; et al

Stores v77n10 PP: RR1-RR12 Oct 1995

ISSN: 0039-1867 JRNL CODE: STR

WORD COUNT: 6082

...TEXT: competition for attention when the eye is focused on this area.

Implications for Display Construction **Point** -of- **purchase** displays are an integral part of the merchandising strategy of a retail outlet. These displays...for attention when viewing the surrounding items and limits the duration of attention to these **items**. A **better** strategy is to place the salient item to the outside of the other items in...communication strategies. But, even though direct marketers are among the most frequent users of individual- **level** consumer information, little attention has been **given** to the possibility that industry practices may adversely affect consumers, and even **less** thought has been **given** to making a distinction between potentially harmful or threatening practices and those which are not...

18/3,K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01074103 97-23497

Medical savings accounts: Lessons from Singapore

Hsiao, William C

Health Affairs v14n2 PP: 260-266 Summer 1995

ISSN: 0278-2715 JRNL CODE: HAF

WORD COUNT: 3712

...TEXT: and comprehensive health care system. The system offered consumer choice, increased patients' direct payment at **point** of **service**, and

employed market forces and competition to bring about greater efficiency and induce hospitals and clinics to **offer** patients **better** value for their money. It also assured everyone access to adequate medical care. The new...

...for the services they demand at the point of delivery. They pay more when they **demand** higher- **level** services. This minimizes the moral hazard that arises from insurance. To further reduce moral hazard...

18/3,K/8 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01070524 97-19918

Agency review of environmental marketing claims: Case-by-case decomposition of the issues

Scammon, Debra L; Mayer, Robert N

Journal of Advertising v24n2 PP: 33-43 Summer 1995

ISSN: 0091-3367 JRNL CODE: JOA

WORD COUNT: 6556

...TEXT: eight cases in 1992, initiated thirteen cases during 1993 and eight cases during 1994. This **level** of **activity**, in combination with its 1992 Guides, leaves the FTC as the primary force in the...

...Grocery Store (55 Fed. Reg. 24314, June 15) illustrates this problem. Von's was displaying **point** -of **purchase** brochures with claims that its produce was "pesticide free" and describing the ill health effects...

18/3,K/9 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00984583 96-33976

The development of and the prospects for retailer-issued credit cards in Japan

Worthington, Steve

International Journal of Retail & Distribution Management v22n8 PP: 33-38 1994

ISSN: 0959-0552 JRNL CODE: RDM

WORD COUNT: 4141

...TEXT: enables them to handle 95 per cent of their credit card transactions electronically.

The OMC **offers** four **different** payment options to cardholders. First is a single payment at the end of the account...affiliate credit cards, although of course, cards on issue do not necessarily correspond to the **level** of **activity** of usage of the cards. The amount of credit outstanding on the cards issued by...

18/3,K/10 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00972156 96-21549

The profitability of bancassurance for European banks

Bergendahl, Goran
International Journal of Bank Marketing v13n1 PP: 17-28 1995
ISSN: 0265-2323 JRNL CODE: IJB
WORD COUNT: 8523

...TEXT: year until the date when the market share is saturated (i.e. when the cross- **selling rate** is reached).

* A cross- **selling rate** of 12.5 per cent. This implies that the maximum volume of insurance contracts will...

...than the one of life insurance. Consequently, there is no reason to consider a discount **rate lower** than 12 per cent. Furthermore, in this case the **cross - selling rate** may be **set** to 10 per cent as an effect of harder competition. This implies that 60,000...taken in order to ensure that the customers of the bank regularly return to the **point -of- sale**, that is the bank branch. Such an "in-house" life insurance contract will guarantee a long-term relationship, which gives the bank a unique possibility to **cross - sell** a wide assortment of financial products. The Deutsche Bank Leben was started in 1989. Its...

18/3,K/11 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00931785 95-81177

Will the cost cutting in health care kill you?

Faltermayer, Edmund
Fortune v130n9 PP: 221-232; Asian 165-171; European 123-129 Oct 31, 1994
ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 4652

...TEXT: new accountability is already nudging the \$1-trillion-a-year medical system to deliver a **better product**. A tour of the principal frontiers of the quality movement shows the exciting possibilities:

* REMODELING...Shortell, professor of health services management at Northwestern's Kellogg School. Shortell has surveyed the **level** of **activity** at some 3,300 institutions and, with the exception of "a couple of handfuls," concludes...

18/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00805058 94-54450

Super Bakery, Inc.

Darling, Bruce L; Davis, Tim R V
Planning Review v22n1 PP: 8-17 Jan/Feb 1994
ISSN: 0094-064X JRNL CODE: PLR
WORD COUNT: 6382

...TEXT: driven." Rules established by higher management are passed down to the front line. Employees at **lower levels** are **given** limited authority and have little say in the decisions that affect the customer.

At Super...competitive information. Super Bakery visits the booths of all competitors at these shows to obtain **point -of- sale** material and

brochures.

3. Noncompeting Suppliers. Most of the distributors and institutions with whom Super...

...food manufacturers by providing complete meals to the market. The company sells its donuts to **another** prepackaged **goods** ' manufacturer who in turn puts the donut, a piece of fruit, a container of milk...

18/3,K/13 (Item 13 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00787445 94-36837

Public relations: A rationale for its development and usage within UK fast-moving consumer goods firms

Kitchen, Philip J

European Journal of Marketing v27n7 PP: 53-75 1993

ISSN: 0309-0566 JRNL CODE: EJM

WORD COUNT: 8847

...TEXT: expenditure on sales promotion. The former had decreased emphasis and expenditure overall, largely because of **EPOS** (electronic **point** of **sale**) [29] and retailer requests for less price-off and banded pack promotions. The latter noted...

...affluence in Western markets for consumers to trade up to higher-quality, more exciting, more **expensive products**. This often runs in parallel with concerns about diet and fitness. This has led to...PR/product publicity and with a far wider diversity of tools at the general/corporate **level under** the PR banner.

The framework within which the article is **set** is

18/3,K/14 (Item 14 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00599056 92-14229

Householding Technology Yields Results, Flexibility

Godish, Jeffrey G.

Bank Marketing v24n2 PP: 17-19 Feb 1992

ISSN: 0888-3149 JRNL CODE: BNM

WORD COUNT: 1842

...TEXT: level data and support inquiry and relationship management at the household level.

CLIENT SERVICE At **point** -of- **sale** or inquiry, better decisions can be made on the basis of an entire household relationship...

...organizations are incenting sales personnel to develop multi-product relationships with clients at the household **level**.

TARGETED **SELLING** By viewing the household product mix, it is easier to identify any "missing" products or services and generate highly targeted calling or **cross - selling** lists.

TARGETED MARKETING Going a step beyond direct marketing, viewing the household product mix allows...

18/3,K/15 (Item 15 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00575373 91-49722

Mass Appeal in Miami

Linsen, Mary Ann

Progressive Grocer v70n10 PP: 141-147 Oct 1991

ISSN: 0033-0787 JRNL CODE: PGR

WORD COUNT: 2428

...TEXT: 11:30 a.m. and 1:30 p.m. on work days. It has two **cash registers** and a few tables to stand at, encouraging the lunch crowd to move in and...

...No. 1 cheese shop, says Boxman. The selection is staggering. The self-service perimeter section **sells 127 types** of domestic and imported cheeses. In fact, one case can't hold them all, so...

...nearby freestanding wrap-around island case. There, one section is devoted strictly to Hispanic cheese **products**; **another**, to low-fat sliced cheeses.

The island case often features a mass display of a...

18/3,K/16 (Item 16 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00549150 91-23507

Bold Moves in a Game of Inches

Goodman, Robert L.

Best's Review (Prop/Casualty) v92n1 PP: 19-24, 92 May 1991

ISSN: 0161-7745 JRNL CODE: BIP

WORD COUNT: 3076

...TEXT: result: commission costs 60% lower than those of independent agents in several markets. In addition, **point -of- sale** business is increasing. Previously arcane Italian and British building societies have become popular distribution channels...

...life company by a major bank has been instrumental in improving the bank's insurance **cross - selling** hit **rate** by a factor of five. This trend is equally pronounced in France and Spain, where...

...upgrading the separate core skills of both the bank and the insurance company while exploiting **cross - selling** opportunities.

Taken as a whole, the European insurance industry appears to be on the verge...

18/3,K/17 (Item 17 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00548034 91-22378

Strong Export Growth Results in U.S. Surplus with Changing Europe

Boyd, Kevin R.; Bensimon, Simon; Fitzpatrick, Boyce; Stanoyevitch, V.; Devlin, James; Lyons, Maryanne; Schnadig, Eric; McLaughlin, Robert; Jacobs, Kelly; Combs, Philip

Business America v112n8 PP: 25-39 Apr 22, 1991

ISSN: 0190-6275 JRNL CODE: CT

WORD COUNT: 14137

...TEXT: by over 7 percent in 1990, following an increase of over 8 percent in 1989. **Given** the **lower rate** of real economic growth forecast for the coming year, import growth is expected to continue...any nation. Some of this total reflects the importance of the Netherlands as a transshipment **point** for **sales** to many central European markets. Most 1990 economic indicators were strong but also reflected a...

...a competitive U.S. dollar. and the positive reputation of American-designed and built security **products** .

Another area high on Dutch and European shopping lists is pollution control equipment and technology. The...

18/3,K/18 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1206603

NYMONEYA

Investor Features Syndicate

DATE: January 5, 1998

16:34 E.T.

WORD COUNT: 4,608

...column.)

In general, it takes about three years to realize fully the savings from a **lower** interest **rate** , **given** the cost of refinancing.

The key is to figure out the amount of time it...various fees reduced or even eliminated.

STEP 3 -- CALL YOUR CREDIT UNION

Many credit unions **offer better** terms than banks. Even if you haven't used your credit union for a loan...

...break to people who work for their larger clients.

STEP 5 -- GO ON-LINE

Next, **check out** Quicken's site at mortgage.quicken.com

It takes a while to type in all...

18/3,K/19 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

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1106591

ATTU009

Logility, CAPS LOGISTICS Provide New Tools For Value Chain Planning and

Operations

DATE: June 3, 1997 11:38 EDT WORD COUNT: 716

...chain visibility.

Supply Chain Designer analyzes global information about facilities, shipping lanes, products, resource capacity, **demand**, production **rates** and other variables to generate insights about the best mixes of inventory placements, transportation alternatives and sourcing locations. This information can then be easily supplied to Logility Planning Solutions.

The **complementary products** allow companies to make the best strategic and ad hoc sourcing decisions concerning plants, distribution...

... constraint-based, time-phased plans which enable continuous replenishment policies such as Efficient Consumer Response (**ECR**) and Vendor Managed Inventory (VMI). Manufacturing Planning is a constraint-based planning and scheduling tool...

18/3,K/20 (Item 3 from file: 813)

DIALOG(R)File 813:PR Newswire

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0402718

PH007

ADVERTISING AND PRODUCT INNOVATION CITED IN COMPANY'S DRAMATIC GROWTH

DATE: September 30, 1991 10:29 EDT WORD COUNT: 755

...5 billion,
to embrace a new competitive strategy.

McAndrews explained that this is a new **level** of **activity** for Mannington and for the resilient industry as a whole. He said heightened retailer and...

...number of our retailers tell us they recommend Mannington floors to their customers, and cite **better products**, **point -of- purchase** displays, promotions, and co-op advertising as the key sales influencers," he added.

Network television...

18/3,K/21 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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00921699

BEATING THE COST OF PRICIER PLASTIC

Edward C. Baig

EDITED BY AMY DUNKIN

Business Week, Number 3570, Pg 98

March 23, 1998

JOURNAL CODE: BW

SECTION HEADING: Personal Business: CREDIT CARDS ISSN: 0007-7135

WORD COUNT: 1,173

TEXT:

...cards in your wallet. ``Consumers will have to get used to the fact that interest **rates** are going to be higher, and they're going to be **given less**, '' says H. Spencer Nilson, publisher of The Nilson Report, an industry newsletter.

Consider that the...

... annual fees and waive late charges. What's more, your card company may have a **product** that **better** suits your spending. If you do a lot of business with particular hotels, airlines, or supermarkets, you'd be wise to **check out** cards they may offer.

You can also dive onto the Net. There's plenty of...

Set	Items	Description
S1	171588	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?-(W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	4641922	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	45669	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	5043097	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT"() (RE-ACH OR MEET)
S5	3151487	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	5157594	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	5845753	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S-WITCH??? OR UPGRAD???
S8	200616	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (-1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	1307	S2(7N)S3
S10	26337	S4(7N)S5(7N)S6
S11	4217	S1(4S)S8
S12	1	S11(4S)S9
S13	30	S11(4S)S3
S14	6	S11(4S)S10
S15	30	S11 AND S10
S16	59	S13 OR S15
S17	21	S16 NOT PY>1998
S18	21	RD (unique items)
S19	63550	S7(7N)S8
S20	338	S1(S)S19
S21	93	S20 NOT PY>1998
S22	93	RD (unique items)
S23	190859	S5(4N)S6
S24	0	S22(S) (S3 OR S23)
S25	2	S22(4S) (S3 OR S23)
S26	2	RD (unique items)
File	15:ABI/Inform(R)	1971-2007/Apr 02 (c) 2007 ProQuest Info&Learning
File	610:Business Wire	1999-2007/Apr 02 (c) 2007 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2007/Apr 01 (c) 2007 Financial Times Ltd
File	613:PR Newswire	1999-2007/Apr 02 (c) 2007 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2007/Mar 29 (c) 2007 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2007/Apr 02 (c) 2007 McGraw-Hill Co. Inc

26/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01074103 97-23497

Medical savings accounts: Lessons from Singapore

Hsiao, William C

Health Affairs v14n2 PP: 260-266 Summer 1995

ISSN: 0278-2715 JRNL CODE: HAF

WORD COUNT: 3712

...TEXT: and comprehensive health care system. The system offered consumer choice, increased patients' direct payment at **point of service**, and employed market forces and competition to bring about greater efficiency and induce hospitals and clinics to **offer** patients **better** value for their money. It also assured everyone access to adequate medical care. The new...

...for the services they demand at the point of delivery. They pay more when they **demand** higher- **level** services. This minimizes the moral hazard that arises from insurance. To further reduce moral hazard...

26/3,K/2 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0402718

PH007

ADVERTISING AND PRODUCT INNOVATION CITED IN COMPANY'S DRAMATIC GROWTH

DATE: September 30, 1991

10:29 EDT

WORD COUNT: 755

...5 billion,
to embrace a new competitive strategy.

McAndrews explained that this is a new **level** of **activity** for Mannington and for the resilient industry as a whole. He said heightened retailer and...

...are pleased with the new Mannington. "An increasing number of our retailers tell us they **recommend** Mannington floors to their customers, and cite **better products**, **point -of- purchase** displays, promotions, and co-op advertising as the key sales influencers," he added.

Set	Items	Description
S1	588334	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?-(W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	12190521	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	99093	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	12270132	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE-ACH OR MEET)
S5	7797623	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	12928750	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	15976551	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S-WITCH??? OR UPGRAD???
S8	575118	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (-1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	16254	S1(6S)S8
S10	9537	S2(S)S3
S11	244527	S4(S)S5(S)S6
S12	13	S9(6S)S10
S13	78	S9(6S)S3
S14	4	S13 AND S11
S15	3	RD (unique items)
S16	1295200	S5(S)S6
S17	20	S13 AND S16
S18	6	S17 NOT PY>1998
S19	5	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2007/Apr 02
	(c) 2007	The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2007/Apr 02
	(c) 2007	The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2007/Apr 02
	(c) 2007	The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2007/Apr 02
	(c) 2007	The Gale Group
File	16:Gale Group PROMT(R)	1990-2007/Apr 02
	(c) 2007	The Gale Group
File	160:Gale Group PROMT(R)	1972-1989
	(c) 1999	The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2007/Mar 23
	(c) 2007	The Gale Group

19/3,K/1 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2007 The Gale Group. All rts. reserv.

04025318 Supplier Number: 53283971 (USE FORMAT 7 FOR FULLTEXT)

ASA is launch pad for new technologies in anesthesia sector.

Gasch, Arthur

The BBI Newsletter, v21, n12, pNA

Dec, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3317

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...patient being at risk -those "incidents" that occur infrequently in actualpractice. A more rudimentary FDA **check - out** versionof the product is available to orient anesthesiologiststo the pre-anesthesia checklist mandated by theagency...

...21 task groups werecreated to bring the best of both companies into onenew organization. The **level** of cooperation and synergythis approached achieved was impressive, as is theway the two former organizations...

...global presence that this partnershipbrings to the combined companies. Aspect's BIS attracts attention The **level** of **activity** at the Aspect Medical (Natick,Massachusetts) booth also was impressive.Aspect's Bispectral Index (BIS...

...ascompanies with often-packed booths at ASA wasMasimo (Irvine, California), which demonstrated thecompany's new **SET** (signal extraction technology)oximetry. Masimo totaled nearly 1,200 leads over thecourse of the show, indicating the **level** of interest inthe improvements being made in pulse oximetry byMasimo. The company's booth prominently...

...Masimo technology, and have respondedby starting a retrofit program, to update customerunits to this new **level** of performance. Masimo PresidentJoseph Kiani said that one national groupaccount, involved in a multi-million-dollar negotiation,has made the supply of the **SET** technology apurchasing requirement, and threatened to disqualifyeven on-contract vendors who are unwilling to supplythat...marketresponse was impressive, and underscores the benefits of strategic alliances with one-time competitorsthat have **complementary product** lines in this newera of managed care. Marquette Medical/GE Medical Systems(Milwaukee,Wisconsin) was ...

19/3,K/2 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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01488335 Supplier Number: 42071724 (USE FORMAT 7 FOR FULLTEXT)

Bank Processors Hit An EFT Profit Roll

Bank Network News, v9, n24, pN/A

May 11, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1642

... expanded EFT revenues. By bringing Citicorp's 600 clients on board,

Flserv can look to **cross - sell** EFT services to the institutions.
Flserv--which already drives about 1,400 ATMs--picked up...

...switch transactions for more than 480 financial institutions which
deploy about 900 ATMs and 345 **point -of- sale** devices. The sixth-largest
processor, M&I can expect to reap at least the \$2...

...to outsource EFT with ATM support and regional network links."

To gain a stronghold in **POS** processing, M&I recently rolled out
software for a dial-up **POS** terminal that can handle debit in conjunction
with terminals' credit software. "Our EFT growth will...the greatest
benefits from using an outside processor.

Because keeping the activity inhouse requires a **set** amount of
equipment and employee expertise regardless of volume, a low **level** of
activity often does not have the economies of scale to make it practical
for institutions to...

19/3,K/3 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv..

10115159 SUPPLIER NUMBER: 20485429 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**File it low, sell it fast. (inventory management)(includes related article
on made-to-order policy)**

Wheatley, Malcolm
Management Today, p68(3)
Feb, 1998

ISSN: 0025-1925 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2010, LINE COUNT: 00162

... and defect levels.

The problem in dispensing advice on inventory management is that its
starting **point** varies markedly according to which business you are in. A
manufacturer of automotive components might...

...the same components would perhaps be unwise to adopt the same goal. Even
at a **given** stage of the production process, generalisations are
difficult. A shop with no stock is seemingly...This aims to condense the
demands for components that arise when manufacturing businesses buy similar
products for **different** purposes, under different part numbers and from
different suppliers. An early implementation at National Power...
...the mix of customer orders is known.

The logic is simple: sized like a television **set**, there's no **point**
shipping items like monitors to Limerick, to ship them again on to the
final customer...

19/3,K/4 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

07555401 SUPPLIER NUMBER: 15797443 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Will the cost cutting in health care kill you?

Faltermayer, Edmund
Fortune, v130, n9, p221(7)
Oct 31, 1994

ISSN: 0015-8259 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 5158 LINE COUNT: 00403

19/3,K/5 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rts. reserv.

02162828 SUPPLIER NUMBER: 03335166 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Audio-video marriage, CD romance and other add-on love affairs.

Consumer Electronics, v12, p30(3)

July, 1984

ISSN: 0362-4722

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2064

LINE COUNT: 00153

TEXT:

...be the number one selling accessory. In VCRs there was about a 10 percent saturation **level** in 1983. This year we expect that to climb to a 25 percent saturation **level** , and by the end of the decade VCRs may even surpass the installed color TV...

...CE: Over the past six months there has been an increased enthusiasm at the dealer **level** regarding the accessories category as a whole. As shipments increase, are more dealers becoming active...

...is opening up pmore floor space. CE: Are accessories necessary for the sucess of a **given** retailer? Borchardt: Right now, the may well be. For the first time since their inception...

...for the second half? Borchardt: Not really. Which accessories will be strong sellers for a **given** retailer really depends on the store and the type of hardware it sells. If it...to continue to examine new channels of distribution and react to them with the proper **point -of- purchase** materials. Peters: Building consumer awareness around the overall category is a necessity. It's not...

...keys. But another very important ingredient is the need to support this at the retail **level** with national advertising. CE: Many retailers devote a section of their floor space solely to...

...have to support retailers in specific, individual ways. That may mean a POP at the **cash register** or it may mean co-op advertising just to bring people into the store. The...

Set	Items	Description
S1	588334	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N) - TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?-(W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	12190521	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	99093	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	12270132	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT"() (RE-ACH OR MEET)
S5	7797623	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	12928750	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	15976551	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR SWITCH??? OR UPGRAD???
S8	575118	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (-1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	16254	S1(6S)S8
S10	9537	S2(S)S3
S11	244527	S4(S)S5(S)S6
S12	13	S9(6S)S10
S13	78	S9(6S)S3
S14	4	S13 AND S11
S15	3	RD (unique items)
S16	1295200	S5(S)S6
S17	20	S13 AND S16
S18	6	S17 NOT PY>1998
S19	5	RD (unique items)
S20	3785	S1(S)S8
S21	409889	S5(4N)S6
S22	22	S20(S) (S3 OR S21)
S23	8	S22 NOT PY>1998
S24	7	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2007/Apr 02
	(c) 2007	The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2007/Apr 02
	(c) 2007	The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2007/Apr 02
	(c) 2007	The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2007/Apr 02
	(c) 2007	The Gale Group
File	16:Gale Group PROMT(R)	1990-2007/Apr 02
	(c) 2007	The Gale Group
File	160:Gale Group PROMT(R)	1972-1989
	(c) 1999	The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2007/Mar 23
	(c) 2007	The Gale Group

24/3,K/1 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04025318 Supplier Number: 53283971 (USE FORMAT 7 FOR FULLTEXT)

ASA is launch pad for new technologies in anesthesia sector.

Gasch, Arthur

The BBI Newsletter, v21, n12, pNA

Dec, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3317

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...patient being at risk -those "incidents" that occur infrequently in actualpractice. A more rudimentary FDA **check - out** versionof the product is available to orient anesthesiologiststo the pre-anesthesia checklist mandated by theagency...

...global presence that this partnershipbrings to the combined companies. Aspect's BIS attracts attention The **level of activity** at the Aspect Medical (Natick,Massachusetts) booth also was impressive.Aspect's Bispectral Index (BIS...marketresponse was impressive, and underscores the benefits of strategic alliances with one- time competitorsthat have **complementary product** lines in this newera of managed care. Marquette Medical/GE Medical Systems(Milwaukee,Wisconsin) was...

24/3,K/2 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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01780579

Olivetti Enters Cash Register Market

News Release July 27, 1987 p. 1

Olivetti Canada Limited has introduced five new electronic **cash registers** (ECRs) to the Canadian market, ranging from entry level machines to more sophisticated models. The ORP 100 is an entry level **cash register** with a heavy duty printer. It provides either receipt or journal and allows for the calculation of two tax percentages. This **cash register** has a built-in customer display which can be turned to the best customer view...

... for small retailers with a mid-range sales volume. It is a basic eight department **cash register** with both receipt and detailed journal printing. Featuring a medium sized drawer, the ORP 120...

... allows for easy viewing of a transaction by customers. The ORP 140 is a sophisticated **cash register** with an alpha/numeric dot matrix printer, programmable keyboard functions and exandable memory for general merchandise applications, such as small supermarkets, small department stores and specialty stores. This **ECR** offers a wide variety of options through its programming modes including; **preset** prices for departments and **rates preset** for discount keys; character descriptors programmed for departments, price look ups, function keys, clerks, and...

...sales activity. The ORP 440 is identical in features to the ORP 140, but it **offers** an **additional** flat, soft touch keyboard with 100 direct

access price look ups. With eight departments and...

24/3,K/3 (Item 2 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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00442025

Women's magazines opt for triweekly frequency--16-17 issues/yr.

Advertising Age August 21, 1978 p. 26,301

... more advertising into their publications and more of their publications into supermarket bags. Both will **offer additional** issues in 1979, but the approach of each differs. WD is carefully testing before it...

... more in ad revenues. Advertisers remain cautious, howeverP Said FC publisher A Young, 'The supermarket **checkout** is so competitive with weeklies and tabloids that we had to go to 17 issues...

... 16 issues/yr is planned for 1980. WD claims FC will have problems with its **schedule**, since extra issues are **set** for Feb and June, traditionally weak ad months for women's magazines. WD, instead, is...

24/3,K/4 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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10455944 SUPPLIER NUMBER: 21122334 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Expectation is the key to pricing.

Hartnett, Michael

Discount Store News, v37, n17, p16(1)

Sept 7, 1998

ISSN: 0012-3587

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1059

LINE COUNT: 00082

... customers and the various mindsets they bring to the point of purchase when prices are **set**.

"People ascribe various **levels** of economic weight to money. For some people, it is more important than the things...

24/3,K/5 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04147965 SUPPLIER NUMBER: 07880333 (USE FORMAT 7 OR 9 FOR FULL TEXT)

From the boardroom. (National Automated Clearing House Association chairman of the board David Kvederis) (interview)

Corporate EFT Report, v9, n17, p4(2)

August 23, 1989

DOCUMENT TYPE: interview

ISSN: 0272-0299

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1240

LINE COUNT: 00092

TEXT:

...United States, lower processing costs and quicker notice of return items. Another growth area is **POS** /ACH. In areas where **POS** /ACH has been used, the volumes are staggering and I think we will continue to...

24/3,K/6 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

03929000 SUPPLIER NUMBER: 07712271 (USE FORMAT 7 OR 9 FOR FULL TEXT)

16 sales-building merchandising techniques. (office equipment and supplies merchandising)

Broderick, J. Raymond

Geyer's Office Dealer, v154, n5, p68(2)

May, 1989

ISSN: 0746-8997

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 958

LINE COUNT: 00075

... telling the customer how much an item costs, it will also speed customers through the **checkout**. Larger sales can easily be made if your signing shows customers a quantity price break...

...is the most functional and least distracting for this purpose. Value signage is used to **point** out **sale** or promotional items. It can take the form of a shelf talker or of promotional...

24/3,K/7 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

02162828 SUPPLIER NUMBER: 03335166 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Audio-video marriage, CD romance and other add-on love affairs.

Consumer Electronics, v12, p30(3)

July, 1984

ISSN: 0362-4722

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2064

LINE COUNT: 00153

TEXT:

...to continue to examine new channels of distribution and react to them with the proper **point** -of- **purchase** materials. Peters: Building consumer awareness around the overall category is a necessity. It's not...

...have to support retailers in specific, individual ways. That may mean a POP at the **cash register** or it may mean co-op advertising just to bring people into the store. The...

Set	Items	Description
S1	339	POS OR EPOS OR POINT(1W) (SALE? ? OR SELL??? OR SERVICE? ? - OR PURCHASE? OR TRANSACT?) OR (SALE? OR SELL? OR SERVICE) (2N)- TERMINAL? ? OR ECR OR CASH()REGISTER? ? OR CHECKOUT OR CHECK?- (W)OUT OR SALES()MANAGEMENT()SYSTEM?
S2	14367	MEASUR? OR TRACK??? OR MONITOR? OR EXAMIN??? OR REVIEW??? - OR DETECT??? OR ANALYZ? OR ANALYS?
S3	8	(ACTIVITY OR SELLS OR SELLING OR PUCHAS??? OR DEMAND) (1N) (- RATE? ? OR LEVEL OR NUMBER? ? OR TYPE? ?)
S4	5989	LESS OR LOWER OR UNDER OR BENEATH OR SMALLER OR "NOT" () (RE- ACH OR MEET)
S5	4220	PREDETERMINED OR SET OR PRESET OR FIXED OR GIVEN OR CHOSEN
S6	6804	SCHEDULE? ? OR THRESHOLD? ? OR LEVEL? ? OR RATE? ? OR POINT
S7	12347	DETERMIN??? OR OFFER??? OR RECOMMEND??? OR EXCHANG??? OR S- WITCH??? OR UPGRAD???
S8	346	(SUPPLEMENTARY OR COMPLEMENTARY OR ALTERATIVE OR ANOTHER OR DIFFERENT OR ADDITIONAL OR BETTER OR UPGRADED OR EXPENSIVE) (- 1N) (OFFER? ? OR PRODUCT? ? OR ITEM? ? OR GOODS) OR UPSSELL? OR UP()SELL??? OR CROSSSELL? OR CROSS()SELL???
S9	3	S1 AND S8

File 256:TecInfoSource 82-2007/Oct
(c) 2007 Info.Sources Inc

9/3,K/1

DIALOG(R)File 256:TecInfoSource
(c) 2007 Info.Sources Inc. All rts. reserv.

02755087 DOCUMENT TYPE: Company

Auctionworks Inc (755087)

5 Concourse Pkwy #2200
Atlanta, GA 30328 United States
TELEPHONE: (678) 248-3343
TOLL FREE TELEPHONE NUMBER: (877) 668-2655
FAX: (678) 248-3314
HOMEPAGE: <http://www.auctionworks.com>
EMAIL: sales@auctionworks.com

FILE SEGMENT: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation
STATUS: Active

SALES: NA

DATE FOUNDED: 1999
REVISION DATE: 20040705

...online marketplace management systems and services. The firm develops storefronts that include integrated eBay item **checkout**, automated **cross** - **sell**, shipping, and other features. The storefronts support eBay sites in the U.S., Canada, the...

9/3,K/2

DIALOG(R)File 256:TecInfoSource
(c) 2007 Info.Sources Inc. All rts. reserv.

00156423 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Retail Management System (176991); QuickBooks Point of Sale (116041)

TITLE: POS and the Giant Vendors

AUTHOR: Scott, Robert W
SOURCE: Accounting Technology, v21 n7 p39(5) Aug 2005
ISSN: 1068-6452
HOMEPAGE: <http://www.electronicaccountant.com>

FILE SEGMENT: Review
RECORD TYPE: Product Analysis

REVISION DATE: 20070300

...**PRODUCT NAMES: 176991); QuickBooks Point of Sale (**

TITLE: POS and the Giant Vendors

...One application for this software is allowing its users to create target mailings from the **point -of- sale (POS)** database. Microsoft is not alone in this expanding market; its old rival Intuit has developed

QuickBooks **Point of Sale (POS)**. Both companies are attempting to leverage their well-known reputations by attracting accounting professionals who will, in turn, reach prospects. Microsoft's approach began with Microsoft **POS**, designed for multi-store use and refined for single-store operations. Intuit's **POS** applied to a single store; its most recent version serves multiple locations. Approximately 45% of all retail sites are single stores, and that is the target for the Microsoft **POS** version redesigned by MBS. Intuit ships hardware with its management software, though Microsoft does not...

...both systems interface with Intuit's QuickBooks financial software. American Express Tax and Business Services **offers** yet **another** package, the American Express Edition for **Point -of- Sale**, which includes employee and inventory management. Whichever choice retailers make, there is wide agreement all...

DESCRIPTORS: **Point of Sale**; Retailers; Software Marketing

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Intuit's QuickBooks 2005, QuickBooks Premier, and **Point -of- Sale** are among 22 new products and services to be released by Intuit in November 2004...

...larger and expanding companies. Enhanced Payroll Plus is a new in-house payroll service, and **Point -of- Sale** is a hardware/software solution for smaller retailers. Fixed asset accounting and inventory management are...

...to Intuit's 2005 product line concentrate on providing users with assistance in using the **products**, **better** methods to assist users in getting paid by customers, and providing added information on the...

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Wind up for one last sales pitch

By Jane Zarem

25 Mar 2003 | Peppers & Rogers, special to SearchCRM.com

Would you like towels with that?

The answer is "yes," and while far from achieving critical mass, we will start to see more of this trend soon. Large customer-focused retailers understand the value of this type of strategy and are working toward that goal.

For instance, according to the Feb. 11,

Peppers & Rogers Group

2002, issue of the weekly newsletter Delaney Report, Sears is trying to bring its customer strategy to the next level, specifically focusing on the connection between marketing merchandise and the in-store experience. Sears wants to deliver customer insight to customer-preferred touchpoints to cross-sell and up-sell there. And while the details are confidential, "A handful of leading top-tier retailers are planning similar tactics," reports Lane Michel, managing partner of Peppers and Rogers Group. The right strategy for you?

The foundation for effective cross-selling and up-selling comes from the use of customer insight derived from capturing and remembering your customers' behaviors and preferences. Those behaviors include past transactions, but even more valuable are the many inquiries your customers make through multiple channels (Web, contact centers, sales and service associates and marketing). Developing customer memory requires deployment of enabling technologies at the point-of-sale (POS). But using these new POS tools creates an equally difficult challenge: shifting the mindset of the workforce.

Employees interacting with customers at the point-of-sale must provide a customer experience that seamlessly generates cross-sell and up-sell offers. If your company has a customer-service mindset at the point-of-sale, then be ready to sustain this investment over an 18- to 36-month time frame. If you have to build this culture, it

will take a well-orchestrated effort; but you still can get better returns than if you do nothing.

How POS cross-selling/up-selling works

POS terminals execute targeted cross-sell/up-sell offers dynamically by reaching into a database to identify customers and instantly analyze their unique purchasing histories. In addition, many POS software solutions can profile customer transactions based on product affinity and predict a likely next action. That data is quickly compared to a set of rules-driven business strategies, which prompts a personalized offer in real time.

"The POS is a critical customer-service point," emphasizes Rick Schultz, VP of industry marketing at Atlanta-based Teradata. "Anything that slows down the POS environment becomes a customer disservice. You want to make offers available in a seamless and unobtrusive way to speed the throughput," he says. Teradata, a division of NCR, sells AdvancedStore@GeneralMerchandise and competes with IBM in the point-of-sale terminal market.

Crafting offers and delivering them to the customer -- either by prompting the check-out clerk or by printing messages on sales receipts -- depends on the service strategy of the retailer and the store environment. "Product affinity, or figuring out what to up-sell, is a fairly straightforward process when you have either a limited number of products or a limited menu, such as McDonald's, even when the customer is anonymous," says Anthony Power, chief scientist at analytics software provider Alterian, Inc.. "A limited assortment or natural set of complementary items, coupled with the fact that the customer has to wait for delivery after placing an order, present a risk-free up-sell/cross-sell situation."

For a bookstore with millions of titles, for instance, the cross-sell/up-sell process is infinitely more complicated. But it can still be employed by using a market-basket analysis at the POS, Power says, to figure out the items that other purchasers of that item have also bought (if a customer buys this, then there's a strong likelihood he'll also like that.) "The recommendations that the POS system makes in real time are governed behind the scenes by management strategies based on defined business rules," explains Power. "For example, what customer segments should be rewarded? Buying only sale or promotional items is probably not the behavior retailers want to reward by offering additional deals."

Historically, a lot of retailers haven't pooled individual transaction data from each store in a centralized data-warehouse system, according to Power. But in the last couple of years, that has begun to change. "Technology has caught up with [the large amounts] of data [being captured]," he notes, "but the challenges loom large. [Retailers] want to present personalized information to customers when it has the most value -- when they're shopping. Is it too late to give them an offer when they're checking out? It's a complex problem, which may be why some retailers are taking time to think it through."

Kiosks: Cross-sell/up-sells made easy

Food-service clients of Radiant Systems are increasing revenue per order by installing customer self-service (CSS) kiosks, according to Evan Grossman, executive VP of business development. Why? One client, who preferred not to be named, determined in a study that 20% of the time, human order takers simply didn't bother to ask.

Kiosks provide up-sell opportunities to every customer in a non-intrusive way. One convenience food store, for example, uses an on-screen message that asks customers who order turkey sandwiches at its kiosks, "Do you want bacon with that?" Sales of bacon for this proprietor have increased by triple digits. "We have another client who, when comparing kiosk orders to those taken by a clerk, experienced a 500% increase in people electing extra meat on their sandwiches," says Chuck Mallory, Radiant's product manager of CSS.

The transaction flow for ordering a sandwich at a kiosk typically includes three or four up-sells, and "An up-sell is selected 30% of the time it is offered," says Grossman. "As an incremental item on a sandwich that's already being made, it typically represents a 70% to 80% gross margin."

Beyond that, the kiosk offers cross-sell opportunities, as well. In the non-kiosk environment, a customer waits in line to order a sandwich and waits again while it's prepared. At a kiosk, the customer orders on-screen, gets an order number, and typically browses the store while waiting, providing an additional opportunity to increase the average ticket size.

Retailer investments vary, but \$50,000 to \$100,000 per location for two to four kiosks integrated into a full-service solution is a fair estimate. "We've seen cases of ROI in less than a year and up to 18 months," adds Grossman. "At the end of the day, the per-device cost is very low compared to the increased item sales and gross margins."

More newfangled ideas

Kiosk "listening" stations in home-entertainment stores or departments aren't new, but there are new opportunities in that type of environment for a person to be prompted with, "Would you like to purchase the music you're sampling? Press 'one' now."

Working with IBM partner Retail Store Systems, Inc., Virgin Entertainment, Inc. has set up listening kiosks in several Virgin Megastores, where customers can scan a product's bar code to preview or sample any of the 300,000 CDs, DVDs, or games in stock. In a pilot program in Dallas and Los Angeles during June 2002, Virgin reports that MegaPlay kiosks were occupied two-thirds of the time and got 32,000 page views per week. Virgin recently added 20 kiosks to its Times Square Megastore in New York City and 15 to its Boston/Newbury store.

The kiosks also provide a venue for cross-selling and up-selling by recommending other albums from the selected artist and similar music by other-and especially new-artists. "[Ordinarily], a very small percentage of new releases get sold, because the public doesn't know about them," says Dan Hopping, IBM's consulting marketing manager, based in Raleigh, N.C. "This is a way to sell more artists and more releases."

How popular are these kiosks? People line up even when employees are available. "Why? Perhaps it's because the kiosk delivers instant information on all kinds of music, whereas employees may be expert in classical but know little about R&B," says Hopping.

AccessVia, a Seattle company that made its name in shelf-edge printing, has also expanded into display-based kiosk technology to help its retail clients communicate directly with their customers. Although purchase behavior can play a role in determining the offer, pilot projects focus primarily on current shopping trips. Deployment is expected in 3Q 2003. One of the first clients the company has announced is Safeway, Inc. but details of the implementation are not yet available.

Taking on cross-selling and up-selling tactics at the point-of-sale adds muscle to your sales capabilities at a time when you need it the most. The returns for capturing and then unlocking customer insight at the point where you have purchase or service interactions with your customers is very attractive. While you have the attention of your customers, do what they want: Meet more of their needs and they'll give more of their business to you.

To read more articles like this one, visit Peppers and Rogers Group's Web site at www.1to1.com.

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